



EN60950-1

IEC60950-1



## Features

- Ultra slim
- Universal AC input / Full range
- 2 pole EURO plug, Class II power unit
- No load power consumption <0.075W
- **Energy efficiency Level VI**
- Comply with EU ErP and meet CoC version 5
- Protections: Short circuit / Overload / Over voltage
- Fully enclosed plastic case
- Pass LPS
- 3 years warranty

## Applications

- Consumer electronic devices
- Telecommunication devices
- Office facilities
- Industrial equipments

## Description

SGA25E is a 25W ultra slim wall-mounted style single-output green adaptor series, which is compact and convenient for carry. SGA25E is a class II power unit (no FG) equipped with the standard 2-Pin European plug, accepting the input range from 90VAC to 264VAC. The whole series provides different models with output voltages ranging between 5VDC and 48VDC that it can satisfy the demands for various types of consumer electronic devices.

With the efficiency up to 89% and the extremely low no-load power consumption below 0.075W, SGA25E is compliant with EU ErP and meet CoC version 5. The supreme feature allows the adaptor to save the energy when it is under either the operating mode or the standby mode. The entire series is approved for international safety regulations; moreover, it adopts the 94V-0 flame retardant plastic case that it can effectively prevent users from electric hazards.

## Model Encoding

**SGA 25 E 05 -P1J**

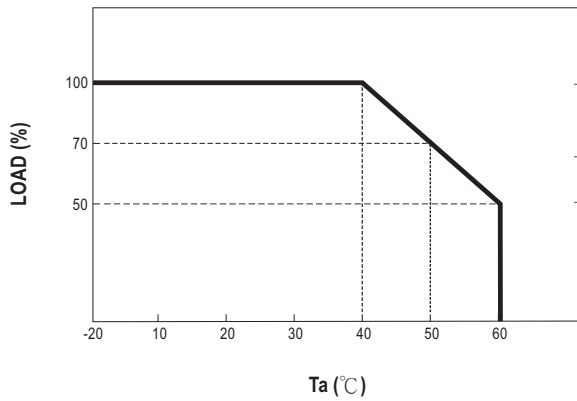
- DC plug type { P1J: Plug for standard model, 2.1  $\psi$   $\times$  5.5  $\psi$   $\times$  11mm, C+ tuning fork type  
Other options available by customer requested (see Page 4~5)
- Output voltage
- European 2 pin AC plug
- Rated wattage
- Series name



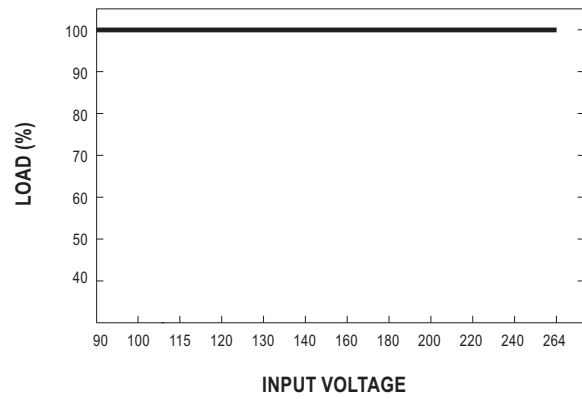
## SPECIFICATION

| ORDER NO.                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | SGA25E05-P1J                                                                                                            | SGA25E07-P1J                           | SGA25E09-P1J | SGA25E12-P1J | SGA25E15-P1J | SGA25E18-P1J                                                              | SGA25E24-P1J | SGA25E48-P1J |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|----------------------------------------|--------------|--------------|--------------|---------------------------------------------------------------------------|--------------|--------------|
| OUTPUT                    | SAFETY MODEL NO.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | SGA25E05                                                                                                                | SGA25E07                               | SGA25E09     | SGA25E12     | SGA25E15     | SGA25E18                                                                  | SGA25E24     | SGA25E48     |
|                           | DC VOLTAGE <span>Note.2</span>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 5V                                                                                                                      | 7.5V                                   | 9V           | 12V          | 15V          | 18V                                                                       | 24V          | 48V          |
|                           | RATED CURRENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 4A                                                                                                                      | 2.93A                                  | 2.77A        | 2.08A        | 1.66A        | 1.38A                                                                     | 1.04A        | 0.52A        |
|                           | CURRENT RANGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0 ~ 4A                                                                                                                  | 0 ~ 2.93A                              | 0 ~ 2.77A    | 0 ~ 2.08A    | 0 ~ 1.66A    | 0 ~ 1.38A                                                                 | 0 ~ 1.04A    | 0 ~ 0.52A    |
|                           | RATED POWER (max.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 20W                                                                                                                     | 22W                                    | 25W          | 25W          | 25W          | 25W                                                                       | 25W          | 25W          |
|                           | RIPPLE & NOISE (max.) <span>Note.3</span>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 80mVp-p                                                                                                                 | 80mVp-p                                | 80mVp-p      | 80mVp-p      | 80mVp-p      | 80mVp-p                                                                   | 80mVp-p      | 120mVp-p     |
|                           | VOLTAGE TOLERANCE <span>Note.4</span>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ± 5.0%                                                                                                                  | ± 5.0%                                 | ± 5.0%       | ± 3.0%       | ± 3.0%       | ± 3.0%                                                                    | ± 2.0%       | ± 2.0%       |
|                           | LINE REGULATION <span>Note.5</span>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ± 1.0%                                                                                                                  | ± 1.0%                                 | ± 1.0%       | ± 1.0%       | ± 1.0%       | ± 1.0%                                                                    | ± 1.0%       | ± 1.0%       |
|                           | LOAD REGULATION <span>Note.6</span>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ± 5.0%                                                                                                                  | ± 5.0%                                 | ± 5.0%       | ± 3.0%       | ± 3.0%       | ± 3.0%                                                                    | ± 2.0%       | ± 2.0%       |
| SETUP, RISE, HOLD UP TIME |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 300ms, 60ms, 18ms/230VAC      300ms, 60ms, 18ms/115VAC at full load                                                     |                                        |              |              |              |                                                                           |              |              |
| INPUT                     | VOLTAGE RANGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 90 ~ 264VAC                                                                                                             |                                        |              |              |              |                                                                           |              |              |
|                           | FREQUENCY RANGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 47 ~ 63Hz                                                                                                               |                                        |              |              |              |                                                                           |              |              |
|                           | EFFICIENCY (Typ.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 82.5%                                                                                                                   | 85.5%                                  | 86.5%        | 87%          | 87%          | 87.5%                                                                     | 87.5%        | 89%          |
|                           | AC CURRENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0.65A / 115VAC      0.25A / 230VAC                                                                                      |                                        |              |              |              |                                                                           |              |              |
|                           | INRUSH CURRENT (max.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Cold start 40A / 115VAC      60A / 230VAC                                                                               |                                        |              |              |              |                                                                           |              |              |
|                           | LEAKAGE CURRENT(max.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0.25mA / 240VAC                                                                                                         |                                        |              |              |              |                                                                           |              |              |
| PROTECTION                | OVERLOAD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 120 ~ 180% rated output power<br>Protection type : Hiccup mode, recovers automatically after fault condition is removed |                                        |              |              |              |                                                                           |              |              |
|                           | OVER VOLTAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 110 ~ 140% rated output voltage<br>Protection type : Clamp by zener diode, output short                                 |                                        |              |              |              |                                                                           |              |              |
|                           | ENVIRONMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | WORKING TEMP.                                                                                                           | -20 ~ +60℃ (Refer to "Derating Curve") |              |              |              |                                                                           |              |              |
| WORKING HUMIDITY          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 20% ~ 90% RH non-condensing                                                                                             |                                        |              |              |              |                                                                           |              |              |
| STORAGE TEMP., HUMIDITY   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -20 ~ +85℃, 10 ~ 95% RH non-condensing                                                                                  |                                        |              |              |              |                                                                           |              |              |
| TEMP. COEFFICIENT         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ±0.03% / °C (0 ~ 40℃)                                                                                                   |                                        |              |              |              |                                                                           |              |              |
| VIBRATION                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes                                                 |                                        |              |              |              |                                                                           |              |              |
| SAFETY & EMC<br>(Note. 7) | SAFETY STANDARDS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | TUV EN60950-1 approved                                                                                                  |                                        |              |              |              |                                                                           |              |              |
|                           | WITHSTAND VOLTAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | I/P-O/P:4242VDC                                                                                                         |                                        |              |              |              |                                                                           |              |              |
|                           | ISOLATION RESISTANCE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | I/P-O/P:100M Ohms / 500VDC / 25℃/ 70% RH                                                                                |                                        |              |              |              |                                                                           |              |              |
|                           | EMC EMISSION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Parameter                                                                                                               | Standard                               |              |              |              | Test Level / Note                                                         |              |              |
|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Conducted emission                                                                                                      | EN55032(CISPR32)                       |              |              |              | Class B                                                                   |              |              |
|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Radiated emission                                                                                                       | EN55032(CISPR32)                       |              |              |              | Class B                                                                   |              |              |
|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Harmonic current                                                                                                        | EN61000-3-2                            |              |              |              | Class A                                                                   |              |              |
|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Voltage flicker                                                                                                         | EN61000-3-3                            |              |              |              | -----                                                                     |              |              |
|                           | EMC IMMUNITY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Parameter                                                                                                               | Standard                               |              |              |              | Test Level /Note                                                          |              |              |
|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ESD                                                                                                                     | EN61000-4-2                            |              |              |              | Level 3, 8KV air; Level 2, 4KV contact                                    |              |              |
|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | RF field susceptibility                                                                                                 | EN61000-4-3                            |              |              |              | Level 2, 3V/m                                                             |              |              |
|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | EFT bursts                                                                                                              | EN61000-4-4                            |              |              |              | Level 2, 1KV                                                              |              |              |
|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Surge susceptibility                                                                                                    | EN61000-4-5                            |              |              |              | Level 3, 1KV/L-N                                                          |              |              |
|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Conducted susceptibility                                                                                                | EN61000-4-6                            |              |              |              | Level 2, 3V                                                               |              |              |
|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Magnetic field immunity                                                                                                 | EN61000-4-8                            |              |              |              | Level 1, 1A/m                                                             |              |              |
|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Voltage dips , interruption                                                                                             | EN61000-4-11                           |              |              |              | >95% dip 0. 5 periods, 30% dip 25 periods, >95% interruptions 250 periods |              |              |
| OTHERS                    | LIFE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 3 years : 100% load 40℃, 8hours / day                                                                                   |                                        |              |              |              |                                                                           |              |              |
|                           | MTBF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 450Khrs min. MIL-HDBK-217F(25℃)                                                                                         |                                        |              |              |              |                                                                           |              |              |
|                           | DIMENSION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 75.5*32*47.5mm (L*W*H)                                                                                                  |                                        |              |              |              |                                                                           |              |              |
|                           | PACKING                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 158g ; 60pcs / 10.5kg / CARTON                                                                                          |                                        |              |              |              |                                                                           |              |              |
| CONNECTOR                 | PLUG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | See page 4~5 ; Other type available by customer requested                                                               |                                        |              |              |              |                                                                           |              |              |
|                           | CABLE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | See page 4~5 ; Other type available by customer requested                                                               |                                        |              |              |              |                                                                           |              |              |
| NOTE                      | 1.All parameters are specified at 230VAC input, rated load, 25℃ 70% RH ambient.<br>2.DC voltage: The output voltage set at point measure by plug terminal & 50% load.<br>3.Ripple & noise are measured at 20MHz by using a 12" twisted pair terminated with a 0.1µf & 47µf capacitor.<br>4.Tolerance: includes set up tolerance, line regulation, load regulation.<br>5.Line regulation is measured from low line to high line at rated load.<br>6.Load regulation is measured from 10% to 100% rated load<br>7.The power supply is considered as an independent unit, but the final equipment still need to re-confirm that the whole system complies with the EMC directives. For guidance on how to perform these EMC tests, please refer to "EMI testing of component power supplies."<br>(as available on <a href="http://www.meanwell.com">http://www.meanwell.com</a> ) |                                                                                                                         |                                        |              |              |              |                                                                           |              |              |

### Derating Curve

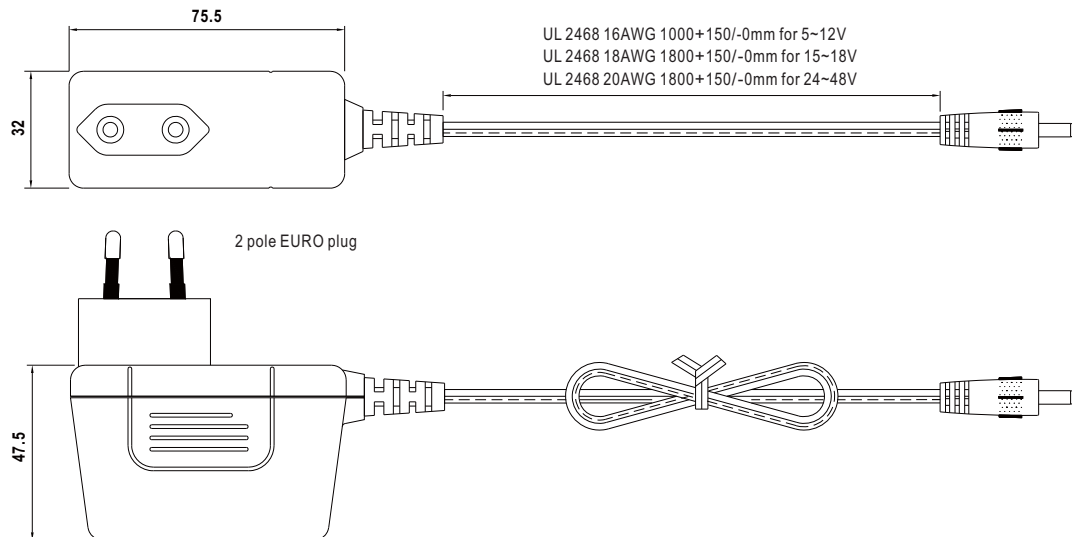


### Static Characteristics



### Mechanical Specification

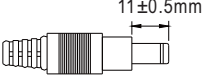
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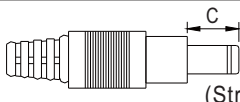
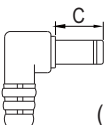
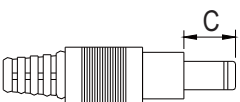
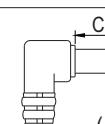
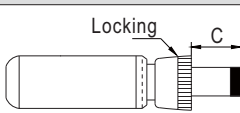
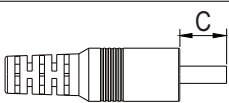
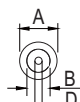
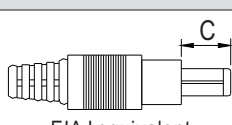
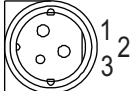
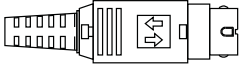
### DC output plug

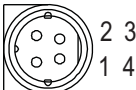
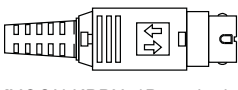
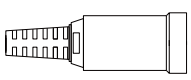
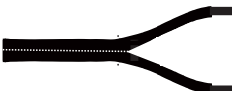
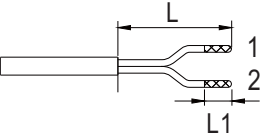
Standard plug: P1J

Unit:mm

| P1J                                                                                                                                                                                                                                                         | Pin Assignment                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
|    |                 |
|                                                                                                                                                                                                                                                             | Outside  Inside |

◎ Optional DC plug:

| Tuning Fork Style                                                                                                                                                                                                                                                                                       |                                                                                                      | Type No.   | A              | B      | C     |            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------|----------------|--------|-------|------------|
|                                                                                                                                                                                                                                                                                                         |                                                                                                      |            | OD             | ID     | L     |            |
| <br>                                                                                                                                  | <br>(Straight)      | P1I        | 5.5            | 2.1    | 9.5   |            |
|                                                                                                                                                                                                                                                                                                         |                                                                                                      | P1L        | 5.5            | 2.5    | 9.5   |            |
|                                                                                                                                                                                                                                                                                                         |                                                                                                      | P1M        | 5.5            | 2.5    | 11.0  |            |
|                                                                                                                                                                                                                                                                                                         | <br>(Right-angled)  | P1IR       | 5.5            | 2.1    | 9.5   |            |
|                                                                                                                                                                                                                                                                                                         |                                                                                                      | P1JR       | 5.5            | 2.1    | 11.0  |            |
|                                                                                                                                                                                                                                                                                                         |                                                                                                      | P1LR       | 5.5            | 2.5    | 9.5   |            |
|                                                                                                                                                                                                                                                                                                         |                                                                                                      | P1MR       | 5.5            | 2.5    | 11.0  |            |
| Barrel Style                                                                                                                                                                                                                                                                                            |                                                                                                      | Type No.   | A              | B      | C     |            |
|                                                                                                                                                                                                                                                                                                         |                                                                                                      |            | OD             | ID     | L     |            |
| <br>                                                                                                                                  | <br>(Straight)      | P2I        | 5.5            | 2.1    | 9.5   |            |
|                                                                                                                                                                                                                                                                                                         |                                                                                                      | P2J        | 5.5            | 2.1    | 11.0  |            |
|                                                                                                                                                                                                                                                                                                         |                                                                                                      | P2L        | 5.5            | 2.5    | 9.5   |            |
|                                                                                                                                                                                                                                                                                                         |                                                                                                      | P2M        | 5.5            | 2.5    | 11.0  |            |
|                                                                                                                                                                                                                                                                                                         | <br>(Right-angled) | P2IR       | 5.5            | 2.1    | 9.5   |            |
|                                                                                                                                                                                                                                                                                                         |                                                                                                      | P2JR       | 5.5            | 2.1    | 11.0  |            |
|                                                                                                                                                                                                                                                                                                         |                                                                                                      | P2LR       | 5.5            | 2.5    | 9.5   |            |
|                                                                                                                                                                                                                                                                                                         |                                                                                                      | P2MR       | 5.5            | 2.5    | 11.0  |            |
| Lock Style                                                                                                                                                                                                                                                                                              |                                                                                                      | Type No.   | A              | B      | C     |            |
|                                                                                                                                                                                                                                                                                                         |                                                                                                      |            | OD             | ID     | L     |            |
| <br><br><br>SWITCHCRAFT original or equivalent |                                                                                                      | P2S(S761K) | 5.53           | 2.03   | 12.06 |            |
|                                                                                                                                                                                                                                                                                                         |                                                                                                      | P2K(761K)  | 5.53           | 2.54   | 12.06 |            |
|                                                                                                                                                                                                                                                                                                         |                                                                                                      | P2C(S760K) | 5.53           | 2.03   | 9.52  |            |
|                                                                                                                                                                                                                                                                                                         |                                                                                                      | P2D(760K)  | 5.53           | 2.54   | 9.52  |            |
| Min. Pin Style                                                                                                                                                                                                                                                                                          |                                                                                                      | Type No.   | A              | B      | C     |            |
|                                                                                                                                                                                                                                                                                                         |                                                                                                      |            | OD             | ID     | L     |            |
| <br><br><br>EIAJ equivalent                    |                                                                                                      | P3A        | 2.35           | 0.7    | 11.0  |            |
|                                                                                                                                                                                                                                                                                                         |                                                                                                      | P3B        | 4.0            | 1.7    | 11.0  |            |
|                                                                                                                                                                                                                                                                                                         |                                                                                                      | P3C        | 4.75           | 1.7    | 11.0  |            |
| Center Pin Style                                                                                                                                                                                                                                                                                        |                                                                                                      | Type No.   | A              | B      | C     | D          |
|                                                                                                                                                                                                                                                                                                         |                                                                                                      |            | OD             | ID     | L     | Center Pin |
| <br><br><br>EIAJ equivalent                    |                                                                                                      | P4A        | 5.5            | 3.4    | 11.0  | 1.0        |
|                                                                                                                                                                                                                                                                                                         |                                                                                                      | P4B        | 6.5            | 4.4    | 11.0  | 1.4        |
|                                                                                                                                                                                                                                                                                                         |                                                                                                      | P4C        | 7.4            | 5.1    | 11.0  | 0.6        |
| Min. DIN 3 Pin with Lock (male)                                                                                                                                                                                                                                                                         |                                                                                                      | Type No.   | Pin Assignment |        |       |            |
|                                                                                                                                                                                                                                                                                                         |                                                                                                      |            | PIN No.        | Output |       |            |
| <br><br><br>KYCON KPPX-3P equivalent           | R6B                                                                                                  | 1          | +Vo            |        |       |            |
|                                                                                                                                                                                                                                                                                                         |                                                                                                      | 2          | -Vo            |        |       |            |
|                                                                                                                                                                                                                                                                                                         |                                                                                                      | 3          | +Vo            |        |       |            |

| Min. DIN 4 Pin with Lock (male)                                                                                                                                                                                                                                                      | Type No.    | Pin Assignment  |        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------|--------|
|                                                                                                                                                                                                                                                                                      |             | PIN No.         | Output |
|   <br>KYCON KPPX-4P equivalent    | R7B         | 1               | +Vo    |
|                                                                                                                                                                                                                                                                                      |             | 2               | -Vo    |
|                                                                                                                                                                                                                                                                                      |             | 3               | -Vo    |
|                                                                                                                                                                                                                                                                                      |             | 4               | +Vo    |
| Min. DIN 4 Pin with Lock (female)                                                                                                                                                                                                                                                    | Type No.    | Pin Assignment  |        |
|                                                                                                                                                                                                                                                                                      |             | PIN No.         | Output |
|   <br>KYCON KPJX-CM-4S equivalent | R7BF        | 1               | +Vo    |
|                                                                                                                                                                                                                                                                                      |             | 2               | -Vo    |
|                                                                                                                                                                                                                                                                                      |             | 3               | -Vo    |
|                                                                                                                                                                                                                                                                                      |             | 4               | +Vo    |
| Stripped and tinned leads                                                                                                                                                                                                                                                            | Type No.    | Pin Assignment  |        |
|                                                                                                                                                                                                                                                                                      |             | PIN No.         | Output |
|  <br>Length of Land L1 by request<br>(MW's standard length, L: <u>25</u> mm, L1: <u>10</u> mm)                   | by customer | 1<br>( Ribbed ) | +Vo    |
|                                                                                                                                                                                                                                                                                      |             | 2<br>( Letter ) | -Vo    |

## ■ Installation Manual

Please refer to : <http://www.meanwell.com/manual.html>