

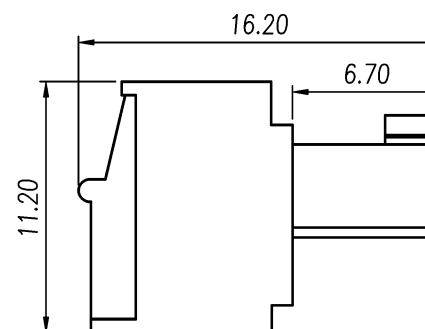
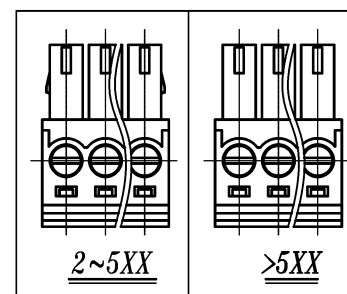
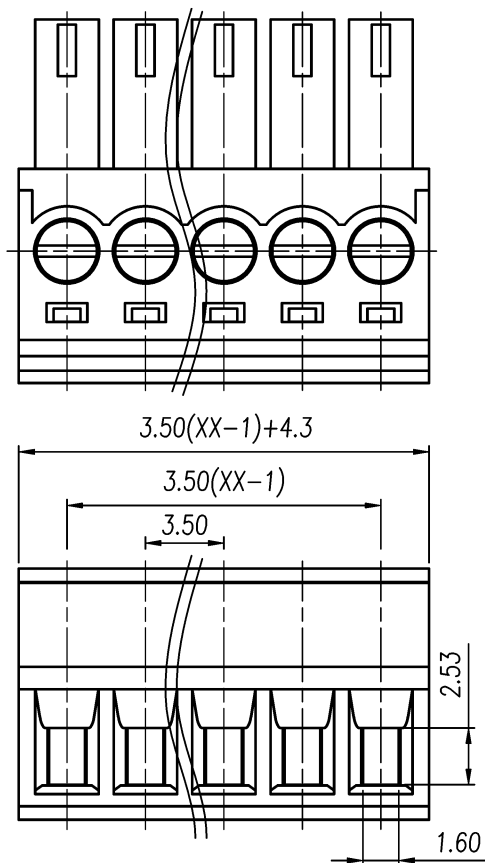


# MICRO-RAY ELECTRONICS, INC.

www.micro-ray.com

## REVISION RECORD

| REV. | DESCRIPTION | ECN No. | APPROVED | DATE |
|------|-------------|---------|----------|------|
|      |             |         |          |      |
|      |             |         |          |      |
|      |             |         |          |      |
|      |             |         |          |      |



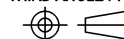
| UL/CUL Technical Data                         |                   |  |             |     |
|-----------------------------------------------|-------------------|-------------------------------------------------------------------------------------|-------------|-----|
| Use Group                                     |                   | B                                                                                   | C           | D   |
| Rated Voltage [V]                             |                   | 300                                                                                 | -           | 300 |
| Rated Current [A]                             |                   | 8                                                                                   | -           | 8   |
| Wire Range Solid/Stranded [AWG]               |                   | 28-16                                                                               |             |     |
| Withstanding Voltage                          |                   | 1600V/1Min                                                                          |             |     |
| IEC Technical Data                            |                   |  |             |     |
| Overvoltage Category                          |                   | III                                                                                 | III         | II  |
| Contamination Class                           |                   | 3                                                                                   | 2           | 2   |
| Rated Voltage [V]                             |                   | 160                                                                                 | 160         | 250 |
| Rated Current [A]                             |                   | 7                                                                                   | 7           | 7   |
| Impulse withstand voltage [KV]                |                   | 2.5                                                                                 | 2.5         | 2.5 |
| Conductor cross section Solid/ flexible [mm²] |                   | 0.5-1.5                                                                             |             |     |
| Material                                      |                   |                                                                                     |             |     |
| Insulation Material                           |                   | PA66                                                                                |             |     |
| Imflammability                                |                   | UL94V-0                                                                             |             |     |
| Contact Material                              |                   | Copper alloy                                                                        |             |     |
| Contactive Coating                            |                   | Ni Plated                                                                           |             |     |
| Other Data                                    |                   |                                                                                     |             |     |
| Pitch                                         | Poles             | [mm] / [P]                                                                          | 3.5 / 02~24 |     |
| Stripping Length                              |                   | [mm]                                                                                | 6~7         |     |
| Screw                                         | Torque(Max)       | [N.m]                                                                               | M2/0.2      |     |
| Operating temperature                         |                   | [°C]                                                                                | -40~105     |     |
| Soldering temperature                         |                   |                                                                                     | -           |     |
| Pin Dimensions                                |                   | [mm]                                                                                | -           |     |
| PCB                                           | PCB Hole Diameter | [mm]                                                                                | -           |     |

| linear dimension(Tolerances Standard GB/T 14486-2008) |       |              |               |               |                |                 |                 |                 |                  |
|-------------------------------------------------------|-------|--------------|---------------|---------------|----------------|-----------------|-----------------|-----------------|------------------|
| variable range                                        | to 6  | over 6 to 10 | over 10 to 30 | over 30 to 60 | over 60 to 100 | over 100 to 160 | over 160 to 250 | over 250 to 500 | over 500 to 1000 |
| tolerance                                             | ±0.20 | ±0.30        | ±0.50         | ±0.70         | ±1.00          | ±1.30           | ±1.60           | 0.10            | 0.30             |



MICRO-RAY ELECTRONICS, INC.

## THIRD ANGLE PROJECTION



REV

V0

TITLE

MR-15EDGK-3.5-XXP-1YY-00A