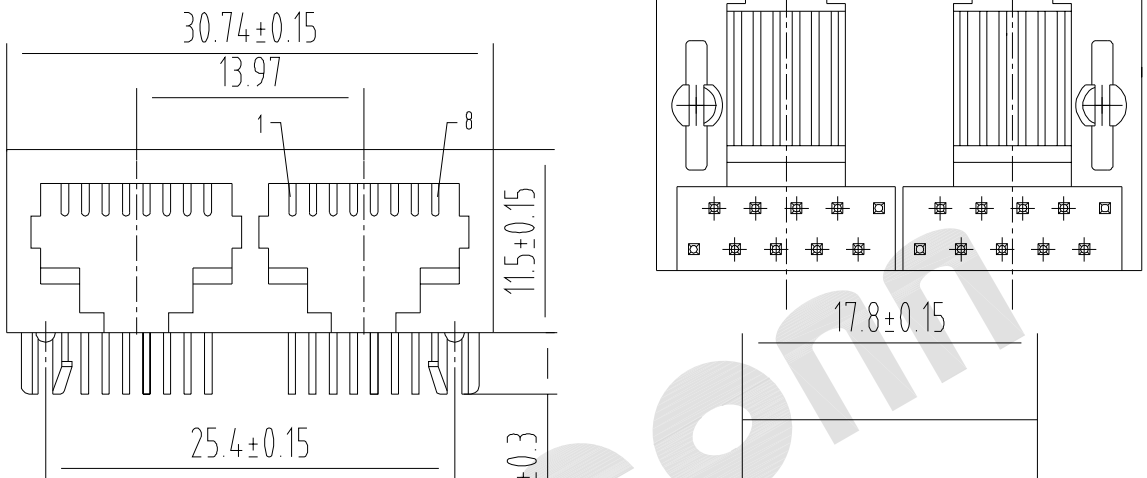


| REV. | DESCRIPTION | DRAWN | CHECKED | APPROVED |
|------|-------------|---------------|---------|----------|
| A | NEW RELEASE | JLZ 03/24/16' | ~ | |



Datasheet MJFA-108020XXXX Covers Main Physical & Mechanical Properties of **R/A Low Profile RJ45 1X2 Modular Jack**

Material:

Housing Material: PBT, PA66, PA46, High Temp Nylon UL94V-0, Black and Grey Color

Contact Material: Phosphor Bronze 0.46mm, Round PIN

Plating: Gold Plating over Nickel

Electrical:

Voltage Rating: 125 V AC RMS

Current Rating: 1.5 Amp

Contact Resistance: 30mΩ Max.

Insulation Resistance: 500MΩ Min. @ 500 VDC

Dielectric Withstanding Resistance: 1000 VAC RMS 60Hz, 1 Min.

Mechanical:

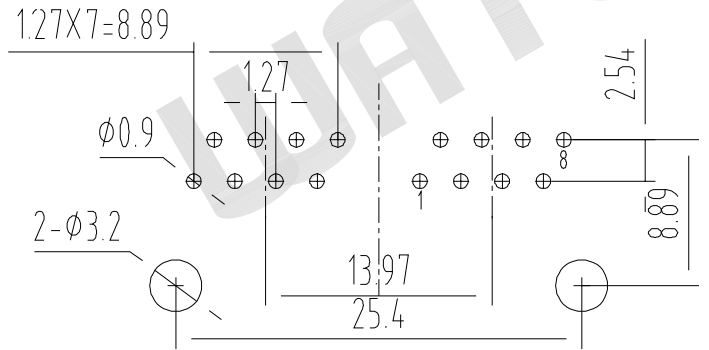
Durability : 750 Cycles Min.

PCB Retention Force: 10 LBS Min.

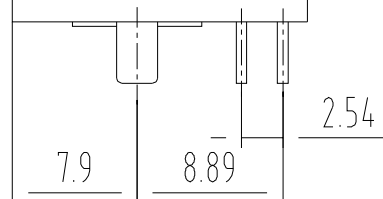
Environmental:

Storage Temperature : -40°C to +85°C

Operation Temperature: -40°C to +85°C



PC Board Layout
Component Side Shown



MJFB - 108 X X X X X X X

| Shield | No. of Ports | Peg | Insulator Material | Housing Color | Gold Plating |
|----------------|--------------|--------------------|--------------------|---------------|--------------|
| 0 - w/o Shield | 1 - 1x1 | 0 - w/o peg | 1 - PBT | 1 - Black | 1 - G/Fμ" |
| 1 - w/shield | 2 - 1x2 | 1 - Front peg 3.05 | 2 - PA66 | 2 - Grey | 2 - 3μ" |
| | 4 - 1x4 | 2 - Front peg 3.68 | 3 - PA46 | 3 - Others | 3 - 6μ" |
| | 5 - 1x5 | 3 - Back peg 3.05 | | | 4 - 15μ" |
| | 6 - 1x6 | | | | 5 - 30μ" |
| | 8 - 1x8 | | | | 6 - 50μ" |

| GENERAL TOLERANCE | | ANGLE TOLERANCE | | PROJECTION | TITLE |
|-------------------|-------|-----------------|-------|------------|-----------------------------------|
| X. | ±0.60 | X. | ±5° | mm | Low Profile RJ45 1X2 Modular Jack |
| .X | ±0.38 | .X | ±3° | | Right Angle Height: 11.5mm |
| .XX | ±0.25 | .XX | ±2° | | |
| DRAWING TYPE | | CUSTOMER | | SHEET SIZE | SERIES |
| SCALE | | 1:1 | SHEET | A4 | MJFA SERIES |
| DRAWING NO. | | MJFA - 108XXXXX | | | |

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