

WITMAG

SPECIFICATION FOR APPROVAL

CUSTOMER _____

CUSTOMER'S PART NO. _____

DESCRIPTION **RJ45 ICM(W/O Transformer 1port)**

WITMAG'S PART NO. **RJ-180Z01** REV. **A**

WITMAG'S OLD P/N _____

ISSUE NO. _____

ISSUE DATE. **SEP.23,2019**

APPROVED

REJECTED

APPROVED UNDER
THE CONDITIONS:

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Note:

- 1. This specification is the proprietary of Shenzhen witmag Electronics Co.,ltd and is not allowed to be revealed to third party without any written approval.**
- 2. This specification is valid within 1 year before approval, and for any updated specification information required, please contact with Witmag's sales window before order releases.**

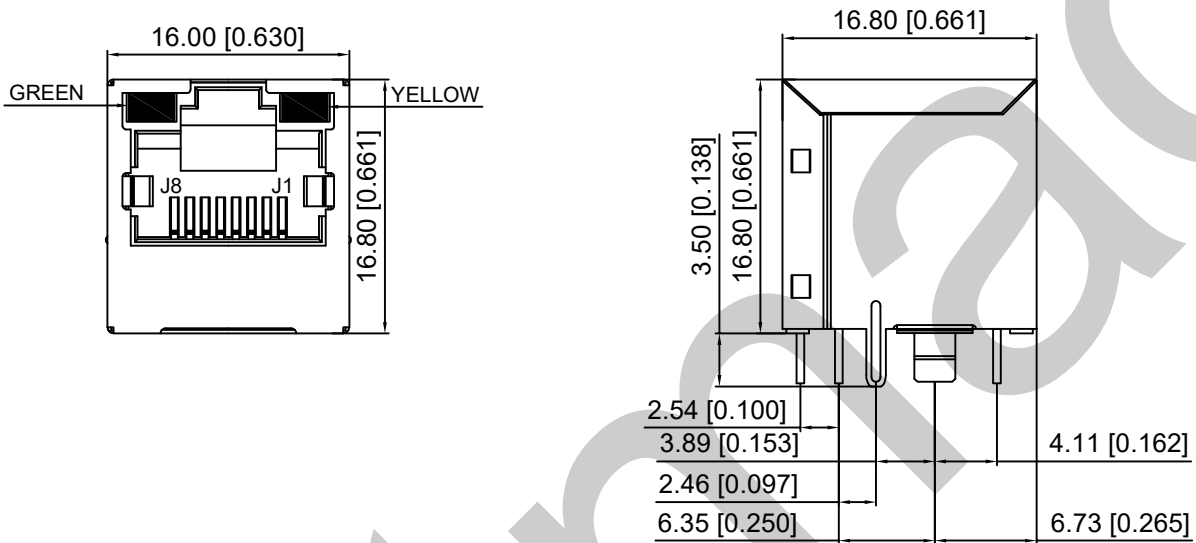
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	 ROHS

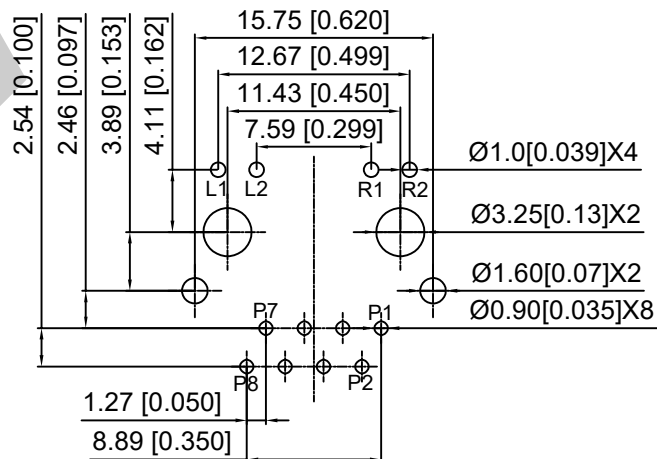
Mechanical Dimension and Recommended PWB Layout

◆ Mechanical Dimension



Dimensions:mm[Inchs]
 Unless otherwise specified,All dimensions tolerance is $\pm 0.25[0.010]$

◆ Recommended PWB Layout



Dimensions:mm[Inchs]
 Unless otherwise specified,All dimensions tolerance is $\pm 0.25[0.010]$

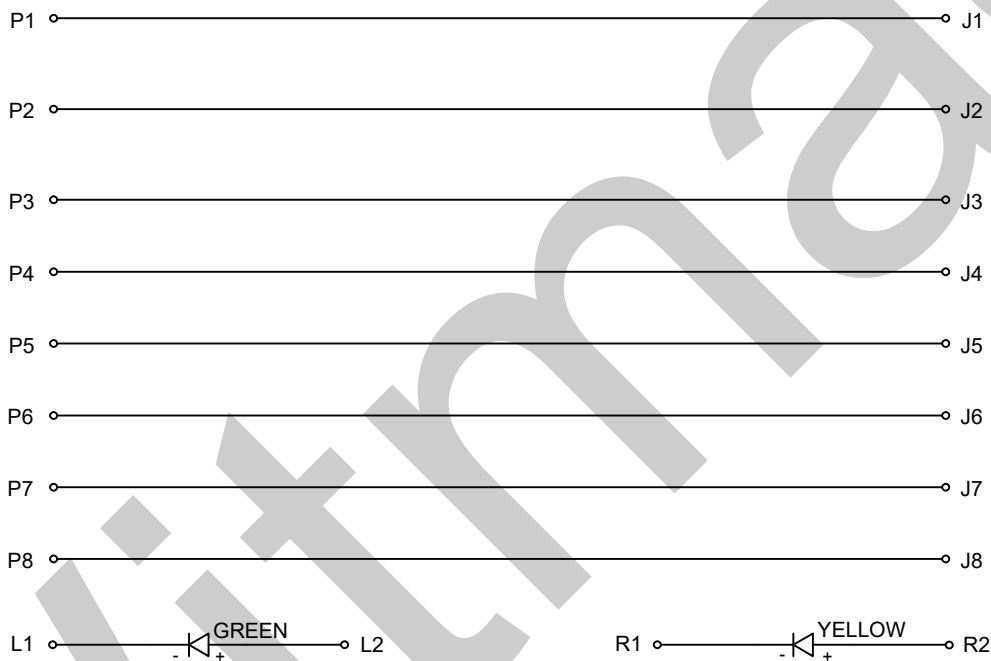
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Circuit Schematic and Note

◆ Circuit Schematic



◆ Note:

- Connector material:
Housing: glass filled polyester UL94 V-0
Contact: Phosphor Bronze
Shield: 0.20mm thickness copper alloy with nickel plated.
Contact plating: selective gold, gold 3 micro-inch min in contact area
- RJ45 cavities conform to FCC rules regulation part 68
- The part is recommended for wave soldering process peak soldering temperatures is 260°C max, 5 secs max
- Operating Temperature: 0°C to +70°C
- Storage Temperature: -40°C to +85°C
- Electronical Specifications
Voltage Rating: 125VAC
Current Rating: 1.5AMP
Contact Resistance: 50 MILLIOHMS MAX
Insulation Resistance: 500 MEGOHMS MIN @ 500VDC
Dielectric withstanding voltage: 1000VAC RMS 50Hz OR 60Hz FOR 1MIN