

WITMAG

SPECIFICATION FOR APPROVAL

CUSTOMER _____

CUSTOMER'S PART NO. _____

DESCRIPTION RJ45 ICM(W/O Transformer 4ports)

WITMAG'S PART NO. RJ-104Z04K REV. A

WITMAG'S OLD P/N _____

ISSUE NO. _____

ISSUE DATE. MAY.7,2020

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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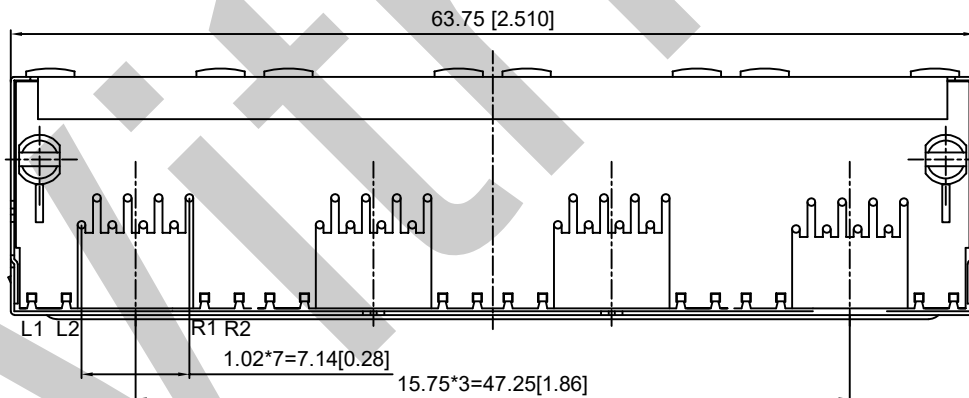
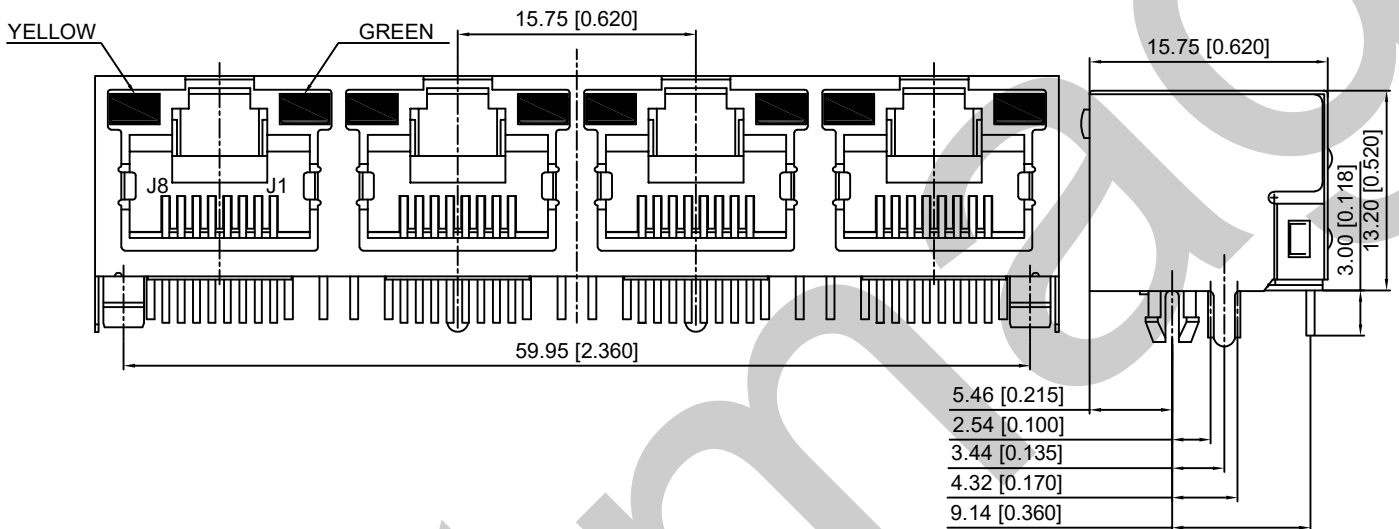
PART NAME:RJ45 ICM(W/O Transformer 4ports)

Rev.:A



Mechanical Dimension and Recommended PWB Layout

◆ Mechanical Dimension



Dimensions:mm[Inchs]

Unless otherwise specified,All dimensions tolerance is $\pm 0.25[0.010]$

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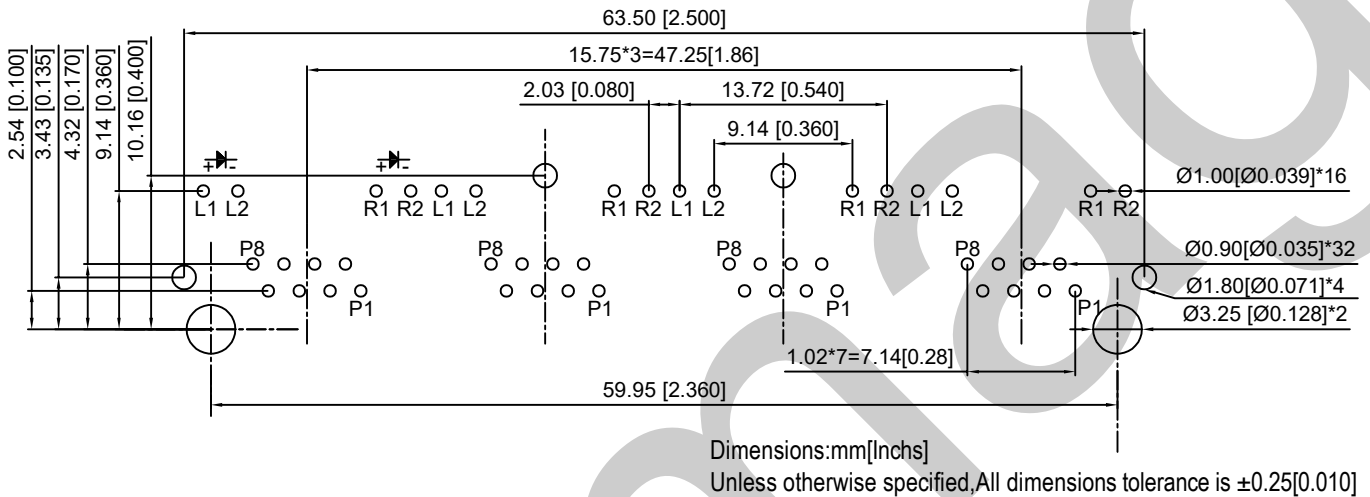
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Circuit and Schematic and Note

◆ Recommended PWB Layout



◆ Circuit Schematic



◆ Note:



- Connector material:
Housing:Glass filled polyester or PBT black UL94 V-0
Contact:Phosphor Bronze Ø0.46mm
Shield:copper alloy or steel alloy with nickel plated.
Contact plating:selective gold,gold flash 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:1000 MEGOHMS MIN @ 500VDC
Dielectric withstanding voltage:1000VAC RMS 50Hz OR 60Hz FOR 1MIN