

RJ45 LAN-Jack module

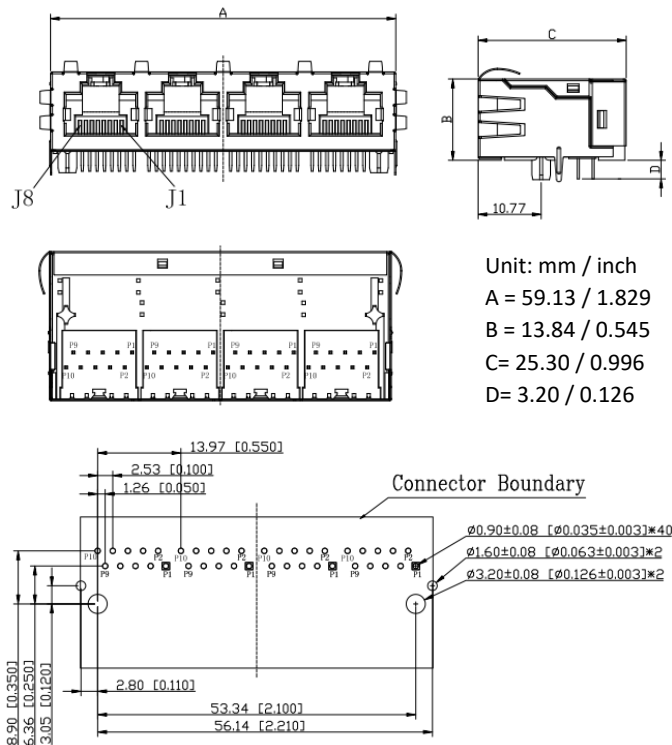
LAN-Jack with magnetic module

Model No: RG14UE401L00

Feature :

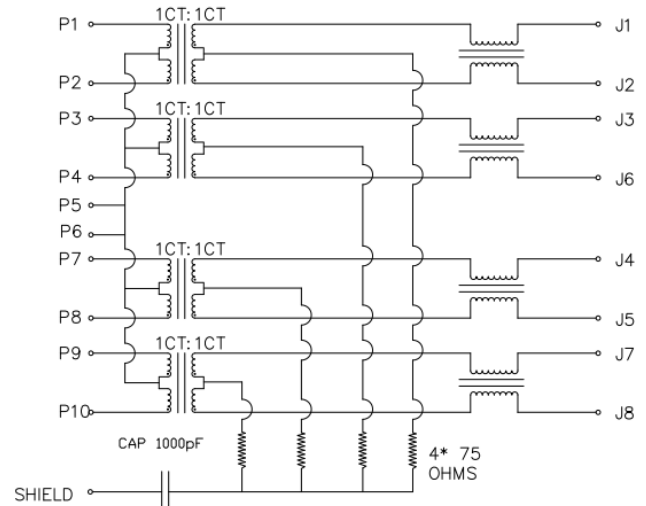
Meets all IEEE802.3 and ANSI X3.263 Standards for Giga Base-T
1x4 Ports tab up with nickel shield EMI finger contact.

Dimension: mm

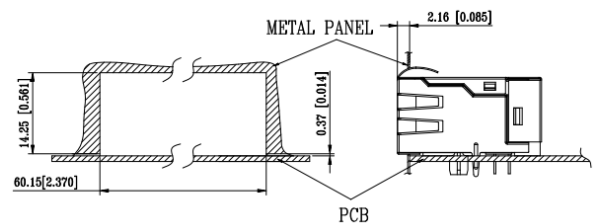


1. Contact Material:
Housing: Thermoplastic Black UL94-0
Shield: Brass with Nickel plating.
Contact: Prosspor Bronze, area 6u" gold plating.
2. RJ45 Cavities Conform to FCC and Part 68.
3. Part recommend for wave soldering process with 260°C and 10 Secs. Max.
4. Operating Temperature T= 0°C to 70°C.
5. Storage Temperature T= -40°C to +85°C.

Schematics:



- 1.0 Turn Ratio @100KHz: (P1~P2):(J1~J2) = 1:1±5%
(P3~P4):(J3~J6) = 1:1±5%
(P7~P8):(J4~J5) = 1:1±5%
(P9~P10):(J7~J8) = 1:1±5%
- 2.0 Primary Inductance: 350uH MIN @100KHZ,0.1V 8mA DC BIAS
- 3.0 DC Resistance: 1.2 OHMS MAX
- 4.0 Insertion Loss: 1-100MHz -1.0dB MAX
100-125MHz -1.2dB MAX
- 5.0 Return Loss: 1-40MHz -16dB MIN
40-60MHz -12dB MIN
60-80MHz -10dB MIN
80-100MHz -8dB MIN
- 6.0 CROSS TALK: 1-100MHz -30dB MIN
- 7.0 COMMON TO COMMON MODE ATTENUATION: 1-100MHz -30dB MIN
- 8.0 Isolation: PHY Side to Shield: 2250VDC



Data sheet subject to change without notice.

Unless otherwise specified, all tolerance are ± 0.25mm

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