

FEATURES:

- Available in Tape & Reel format
- SMT product available with or without LEDs
- Internal magnetics: 100% electrically tested for HI-POT & continuity
- Internal magnetics options available
- Meets or exceeds IEEE 802.3i/u standard for 10/100Base-T
- Minimum 1500 Vrms isolation per IEEE 802.3 requirement
- Designed to withstand IR reflow temperatures up to 245°C
- Recognized by UL 60950-1



YUAN DEAN SCIENTIFIC



RJ45 Jack 49F SERIES

With Magnetics
Surface Mount
Single Port
10/100 Base-T
TAB Up

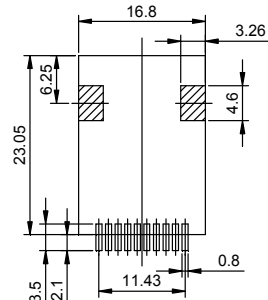
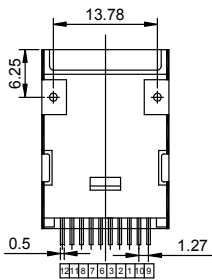
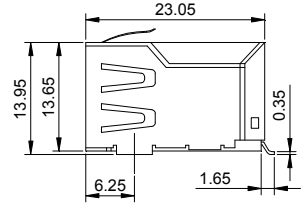
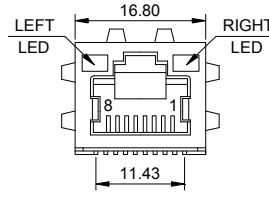
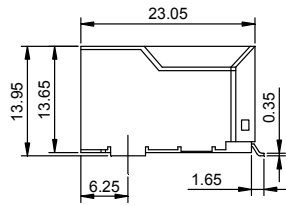
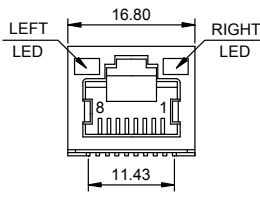


ELECTRICAL SPECIFICATIONS@25°C Operating temperature 0°C TO 70°C

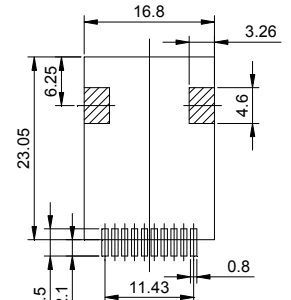
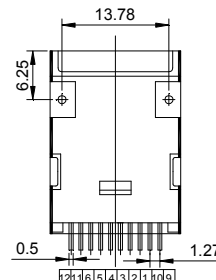
Part Number	Turns Ratio		LEDs	Insertion Loss TX/RX (dB MAX)		Return Loss @100Ω±15Ω (dB TYP)		Cross talk (dB MIN)	Hipot (Vrms)
	TX	RX		1-80 MHz	100 MHz	1-60 MHz	60-100 MHz		
49F-1201YGD2NL	1CT:1CT	1CT:1CT	Y/G	-1.0	-1.2	-14	-10	-35	1500



Mechanical and Dimension



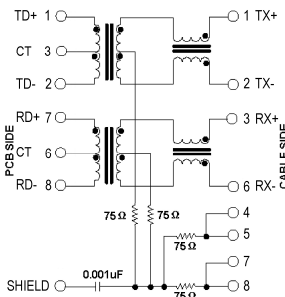
PC Board Layout
Component Side Shown



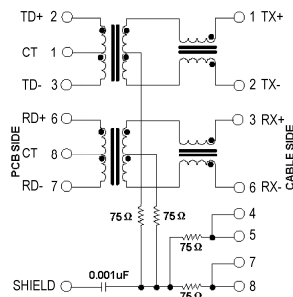
PC Board Layout
Component Side Shown

Schematics

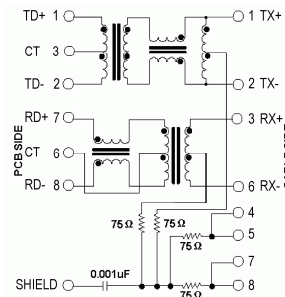
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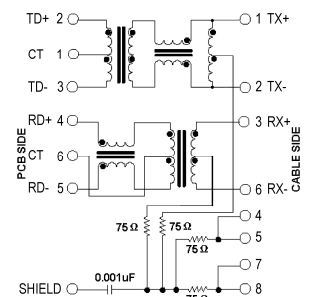
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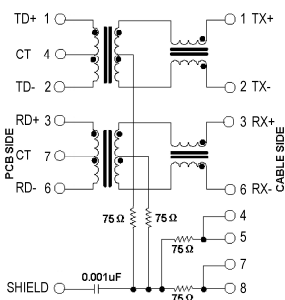
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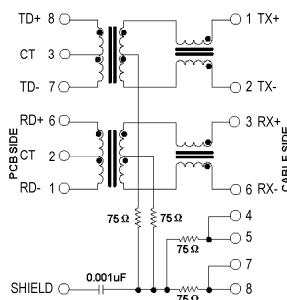
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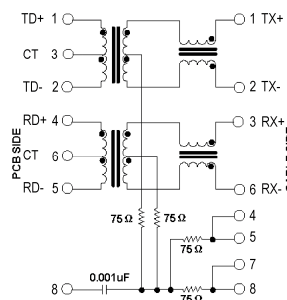
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49F-1206



49F-1207



49F-1208

