Pin-in-Paste10/100 FastJack™

1x1 Tab-Up Pin-in-Paste 10/100BASE-T Integrated RJ45

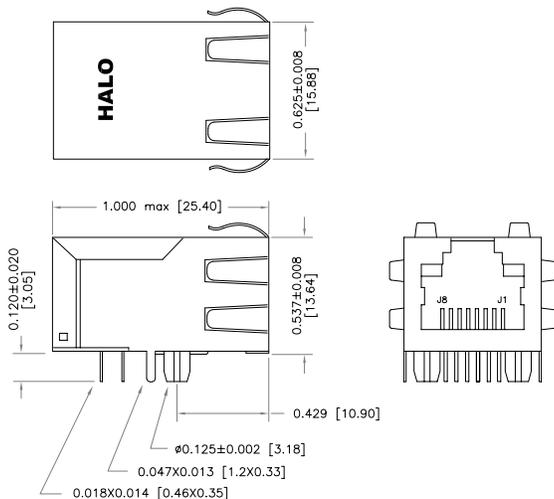HALO ELECTRONICS, INC.

Product Features:

- Ethernet RJ45 with Magnetics
- Compatible with SMT Reflow Process
- 30µ" Gold Plating (min) on Contacts
- 100% IEEE802.3u Compliance Testing
- 1500Vrms Hi-Pot
- Proprietary Robust Contact Design

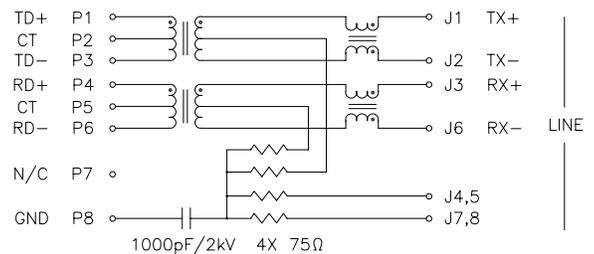| Part Number	Operating Temp Range	Bandwidth	Circuit	PoE	LED's (L/R)	Return Loss (min)			
						0.5-30MHz	40MHz	50MHz	60-80MHz
HFJT1-PP50RL	0°C to +70°C	10/100	A	-	None	-18dB	-15.5dB	-13.6dB	-12dB
HFJT1-PPE50RL	-40°C to +85°C	10/100	A	-	None	-18dB	-15.5dB	-13.6dB	-12dB

Notes:
1. Versions with LED's available. Please contact factory.
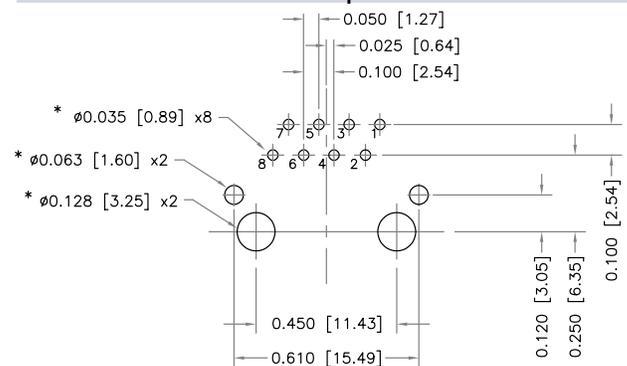2. Part specific datasheets available

Mechancial

Circuit A

Footrprint

Recommended PC Board Pattern (Comp. Side)
*Adjust Hole Size Based on Customer Process Tolerances

HALO® Electronics is a leading supplier of high quality communication magnetics including signal transformers, filters, CMR chokes, PoE power transformers, DC/DC converters, and integrated Ethernet connectors. HALO's leading edge technology solutions are manufactured in ISO9001 and ISO14001 factories offering high quality products at a competitive price.

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