



Product Features:

- 10/100 Ethernet RJ45
- IEEE802.3u Compliant
- 30µ" Gold Plating (min) on Contacts
- 350uH min OCL at 8mA DC Bias Across the Full Temp Range
- 100% Electrical Testing
- 1500Vrms Hi-Pot
- Proprietary Robust Contact Design

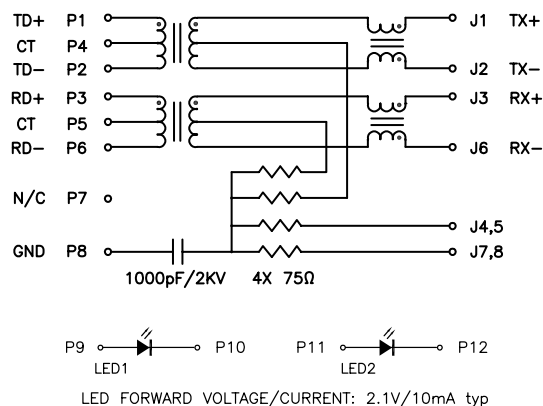
Part Number		Circuit	LED's (L/R)	Return Loss (min)				Insertion Loss (typ)
Standard Temp (0 to 70°C)	Extended Temp (-40 to +85°C)			1-30MHz	40MHz	50MHz	60-80MHz	
HFJ11-2450ERL	HFJ11-E2450ERL	A	None	-18dB	-15.5dB	-13.6dB	-12dB	-1.1dB
HFJ11-2450E-L11RL	HFJ11-E2450E-L11RL	A	G/G	-18dB	-15.5dB	-13.6dB	-12dB	-1.1dB
HFJ11-2450E-L12RL	HFJ11-E2450E-L12RL	A	G/Y	-18dB	-15.5dB	-13.6dB	-12dB	-1.1dB
HFJ11-2450E-L15RL	HFJ11-E2450E-L15RL	A	G/G(Y)	-18dB	-15.5dB	-13.6dB	-12dB	-1.1dB
HFJ11-2450E-L17RL	HFJ11-E2450E-L17RL	A	G/G(O)	-18dB	-15.5dB	-13.6dB	-12dB	-1.1dB
HFJ11-2450E-L21RL	HFJ11-E2450E-L21RL	A	Y/G	-18dB	-15.5dB	-13.6dB	-12dB	-1.1dB
HFJ11-2450E-L55RL	HFJ11-E2450E-L55RL	A	G(Y)/G(Y)	-18dB	-15.5dB	-13.6dB	-12dB	-1.1dB
HFJ11-2450E-L56RL	HFJ11-E2450E-L56RL	A	G(Y)/Y(G)	-18dB	-15.5dB	-13.6dB	-12dB	-1.1dB
HFJ11-2450E-L77RL	HFJ11-E2450E-L77RL	A	G(O)/G(O)	-18dB	-15.5dB	-13.6dB	-12dB	-1.1dB
HFJ11-2450E-L78RL	HFJ11-E2450E-L78RL	A	G(O)/O(G)	-18dB	-15.5dB	-13.6dB	-12dB	-1.1dB

Notes:

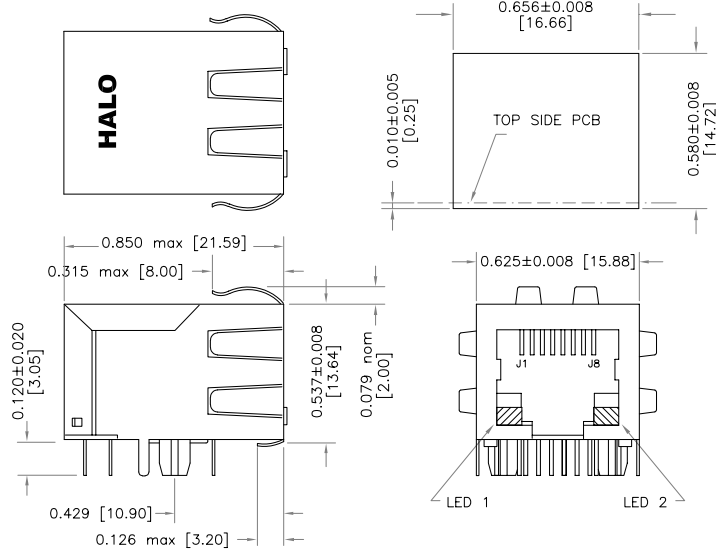
1. LED Key : G = Green, Y = Yellow, O = Orange, () = Bi-Color
2. Other LED colors, bi-colors, polarities, and current limiting versions available
3. Unshielded or shielded without ground tabs available
4. Part specific datasheets available
5. Lightning strike and power line cross versions available. Contact the factory for more information.

HALO 10/100BASE-TX Ethernet Family of FastJacks

Circuit A

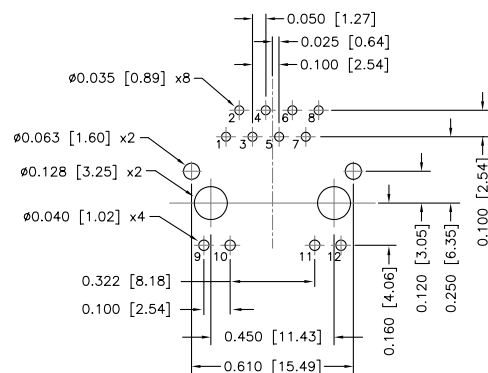


Mechanical

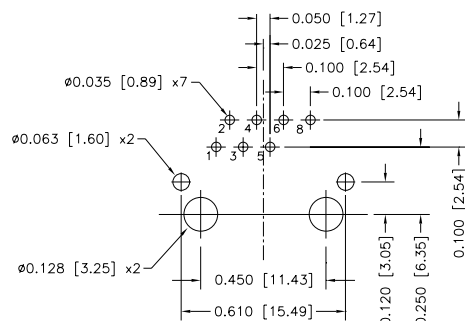


Dimensions are in inches [mm]

* Parts numbers without LED's omit pins 7 and 9 through 12



Recommended PCB Layout for Parts with LED
(Component Side)



Recommended PCB Layout for Parts without LED
(Component Side)

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