

Product Features:

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

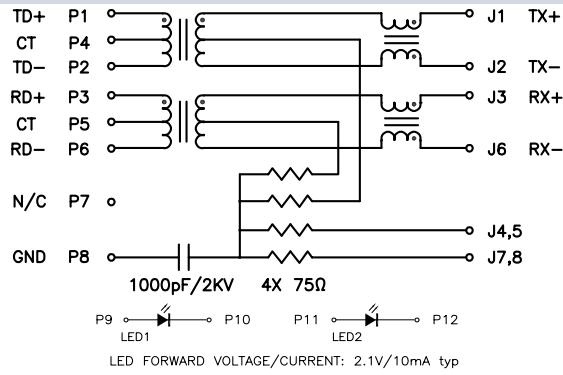
Part Number		Ports	Circuit	LED's (L/R)	Return Loss (min)				Insertion Loss (max)
Standard Temp (0 to 70°C)	Extended Temp (-40 to +85°C)				1-30MHz	40MHz	50MHz	60-80MHz	
HFJ12-2450ERL	HFJ12-E2450ERL	2	A	None	-18dB	-15.5dB	-13.6dB	-12dB	-1.1dB
HFJ12-2450ER-L11RL	HFJ12-E2450ER-L11RL	2	A	G/G	-18dB	-15.5dB	-13.6dB	-12dB	-1.1dB
HFJ12-2450ER-L12RL	HFJ12-E2450ER-L12RL	2	A	G/Y	-18dB	-15.5dB	-13.6dB	-12dB	-1.1dB
HFJ12-2450ER-L15RL	HFJ12-E2450ER-L15RL	2	A	G/G(Y)	-18dB	-15.5dB	-13.6dB	-12dB	-1.1dB
HFJ12-2450ER-L17RL	HFJ12-E2450ER-L17RL	2	A	G/G(O)	-18dB	-15.5dB	-13.6dB	-12dB	-1.1dB
HFJ12-2450ER-L21RL	HFJ12-E2450ER-L21RL	2	A	Y/G	-18dB	-15.5dB	-13.6dB	-12dB	-1.1dB
HFJ12-2450ER-L55RL	HFJ12-E2450ER-L55RL	2	A	G(Y)/G(Y)	-18dB	-15.5dB	-13.6dB	-12dB	-1.1dB
HFJ12-2450ER-L77RL	HFJ12-E2450ER-L77RL	2	A	G(O)/G(O)	-18dB	-15.5dB	-13.6dB	-12dB	-1.1dB
HFJ12-2450ER-L78RL	HFJ12-E2450ER-L78RL	2	A	G(O)/O(G)	-18dB	-15.5dB	-13.6dB	-12dB	-1.1dB
HFJ14-2450ERL	HFJ14-E2450ERL	4	A	None	-18dB	-15.5dB	-13.6dB	-12dB	-1.1dB
HFJ14-2450ER-L11RL	HFJ14-E2450ER-L11RL	4	A	G/G	-18dB	-15.5dB	-13.6dB	-12dB	-1.1dB
HFJ14-2450ER-L12RL	HFJ14-E2450ER-L12RL	4	A	G/Y	-18dB	-15.5dB	-13.6dB	-12dB	-1.1dB
HFJ14-2450ER-L15RL	HFJ14-E2450ER-L15RL	4	A	G/G(Y)	-18dB	-15.5dB	-13.6dB	-12dB	-1.1dB
HFJ14-2450ER-L17RL	HFJ14-E2450ER-L17RL	4	A	G/G(O)	-18dB	-15.5dB	-13.6dB	-12dB	-1.1dB
HFJ14-2450ER-L21RL	HFJ14-E2450ER-L21RL	4	A	Y/G	-18dB	-15.5dB	-13.6dB	-12dB	-1.1dB
HFJ14-2450ER-L55RL	HFJ14-E2450ER-L55RL	4	A	G(Y)/G(Y)	-18dB	-15.5dB	-13.6dB	-12dB	-1.1dB
HFJ14-2450ER-L77RL	HFJ14-E2450ER-L77RL	4	A	G(O)/G(O)	-18dB	-15.5dB	-13.6dB	-12dB	-1.1dB
HFJ14-2450ER-L78RL	HFJ14-E2450ER-L78RL	4	A	G(O)/O(G)	-18dB	-15.5dB	-13.6dB	-12dB	-1.1dB

Notes:

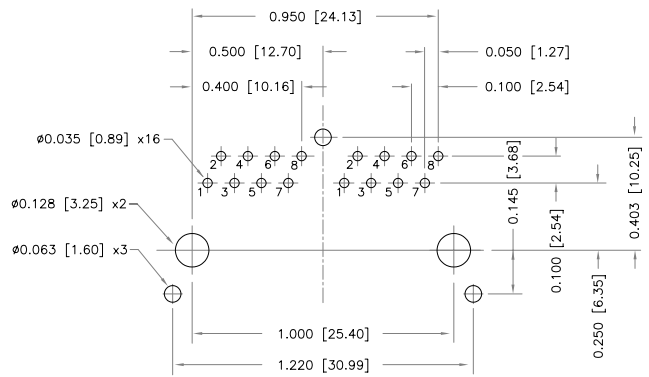
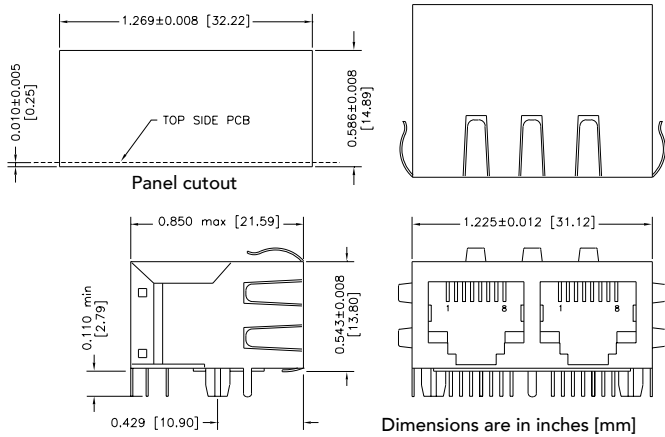
1. LED Key : G = Green, Y = Yellow, O = Orange, () = Bi-Color
2. Other LED colors, bi-colors, polarities, and current limiting versions available
3. Unshielded and shielded without ground tabs available
4. Part specific datasheets available
5. Lightning strike and power line cross versions available

HALO 10/100BASE-T Ethernet Family of FastJacks

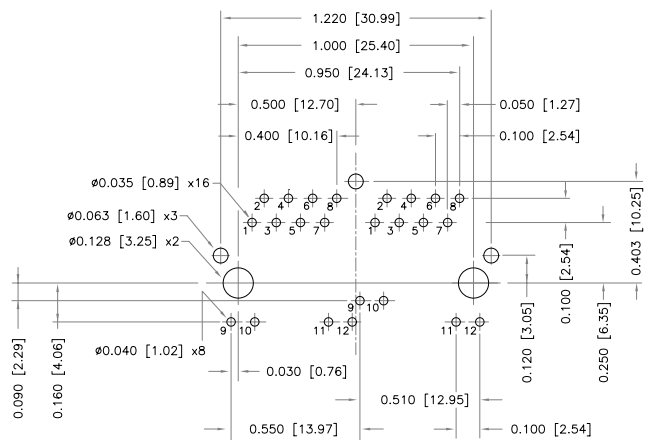
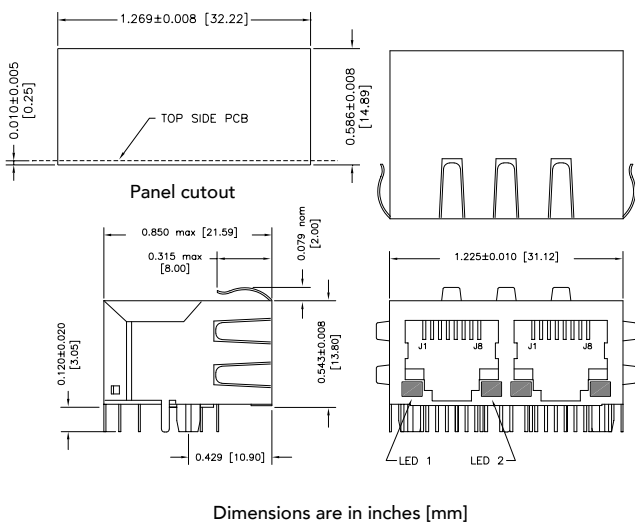
Circuit A



HFJ12 Mechanical - Without LED's

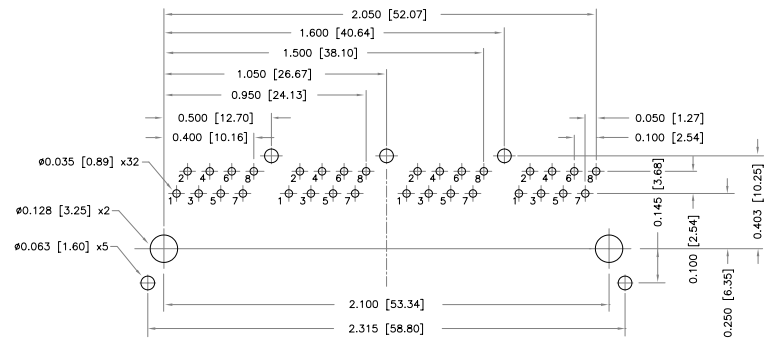
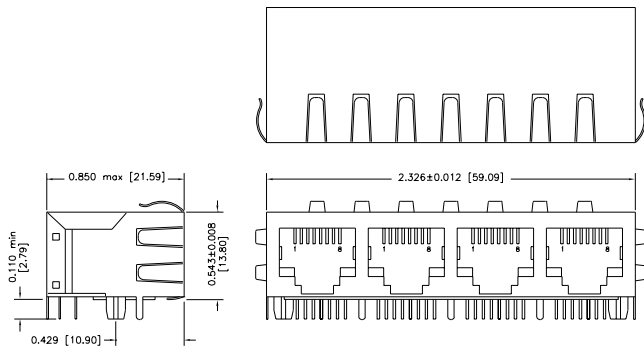


HFJ12 Mechanical - With LED's

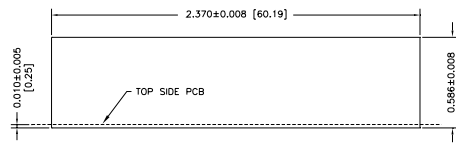


HALO 10/100BASE-T Ethernet Family of FastJacks

HFJ14 Mechanical - Without LED's



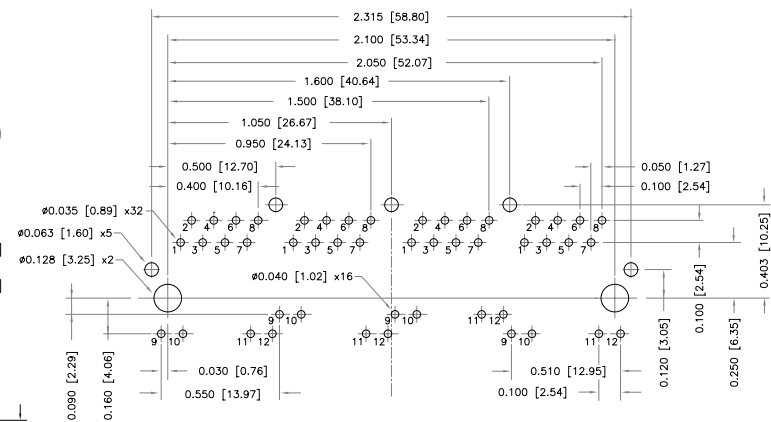
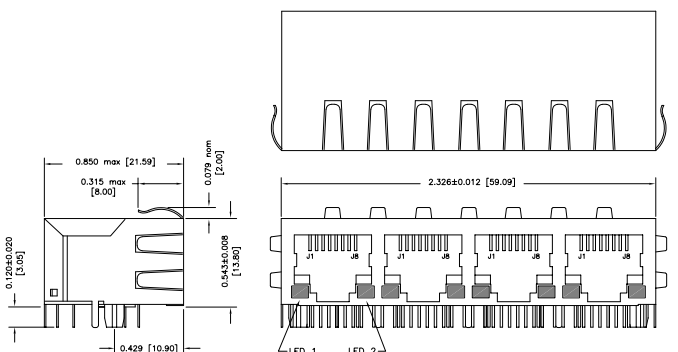
Recommended PCB Layout (Component Side)



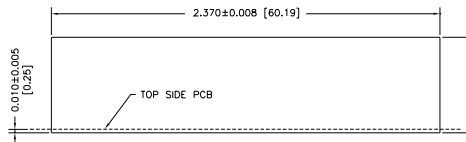
Panel cutout

Dimensions are in inches [mm]

HFJ14 Mechanical - With LED's



Recommended PCB Layout (Component Side)



Panel cutout

Dimensions are in inches [mm]



2880 Lakeside Drive #116
 Santa Clara, CA 95054
 (650) 903-3800
www.haloelectronics.com

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.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Modular Connectors](#) / [Ethernet Connectors](#) category:

Click to view products by [HALO](#) manufacturer:

Other Similar products are found below :

[RJE231881317T](#) [MP1010RX-1000](#) [MP44RX-1000](#) [GAX-3-66](#) [GAX-8-62](#) [93606-0253](#) [GD-A-44](#) [GDCX-PA-66-50](#) [GDCX-PN-64](#) [GDCX-PN-66](#) [GDCX-PN-66-50](#) [GDLX-A-66](#) [GDLX-A-88](#) [GDLX-N-66](#) [GDLX-S-88K](#) [GDTX-S-88-50](#) [GDX-PA-1010](#) [GLX-N-1010M-BLK](#) [GLX-N-44M](#) [GLX-S-88M-BLK](#) [GMX-N-1010](#) [GMX-S-1010](#) [GMX-S-66](#) [GMX-SMT2-N-1010](#) [GMX-SMT2-N-64-50](#) [GMX-SMT2-S6-88](#) [GMX-SMT4-N-88](#) [GPX-2-64](#) [GRT1-BT1-5](#) [GSGX-N-2-88](#) [GSX-NS2-88-3.05](#) [GSX-NS2-88-3.05-50](#) [GSX-NS-88-3.05-30](#) [GSX-NS-88-3.05-50](#) [GSX-NS-88-3.68](#) [1-1775629-2](#) [GWLX-S-88-GR](#) [GWLX-S9-88-YG](#) [1300500326](#) [1300500227](#) [1300530003](#) [1300570002](#) [1324640-4](#) [RJ11FTVC2G](#) [RJ11FTVC2N](#) [RJFTVX2SA1G](#) [132764-001](#) [1400000](#) [1413176](#) [1413235](#)