FastJack™

1x2 and 1x4 Tab-Down Ganged 10/100BASE-TX RJ45

HALO ELECTRONICS, INC.

Product Features:

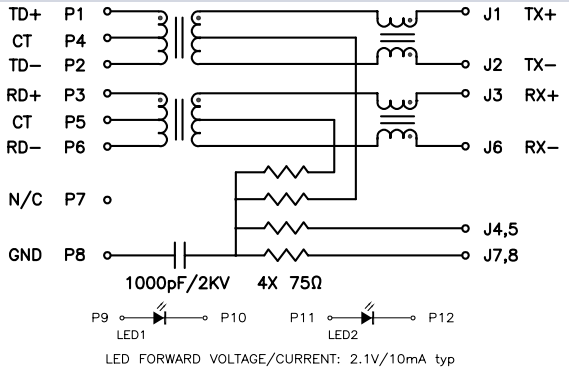
- 10/100BASE-TX Ethernet RJ45
- IEEE802.3u Compliant
- 350uH min OCL at 8mA DC Bias Across the Full Temp Range
- 30µ" Gold Plating (min) on Contacts
- 100% Compliance Testing
- 1500Vrms Hi-Pot
- Proprietary Robust Contact Design

Part Number					Return Loss (min)				
Standard Temp (0 to 70°C)	Extended Temp (-40 to +85°C)	Ports	Circuit	LED's (L/R)	1-30MHz	40MHz	50MHz	60-80MHz	Insertion Loss (max)
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

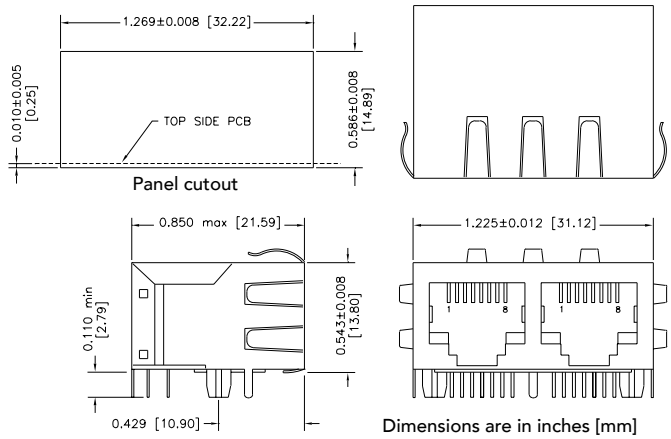
Notes:
1. LED Key : G = Green, Y = Yellow, O = Orange, ( ) = Bi-Color
2. Other LED colors, bi-colors, polarities, and current limiting versions available
3. Unshielded and shielded without ground tabs available
4. Part specific datasheets available
5. Lightning strike and power line cross versions available

For additional information contact your local representative, or HALO's support staff at (650) 903-3800 or info@haloelectronics.com

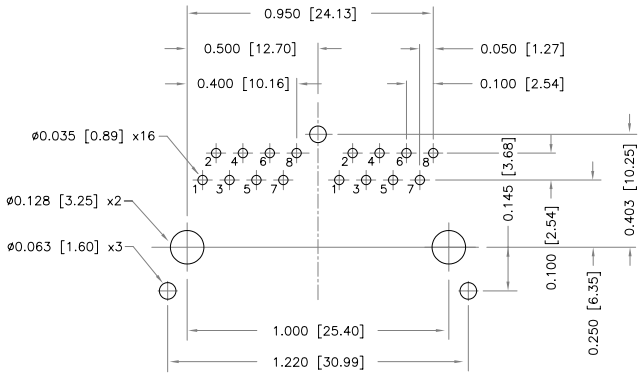
Circuit A



HFJ12 Mechanical - Without LED's

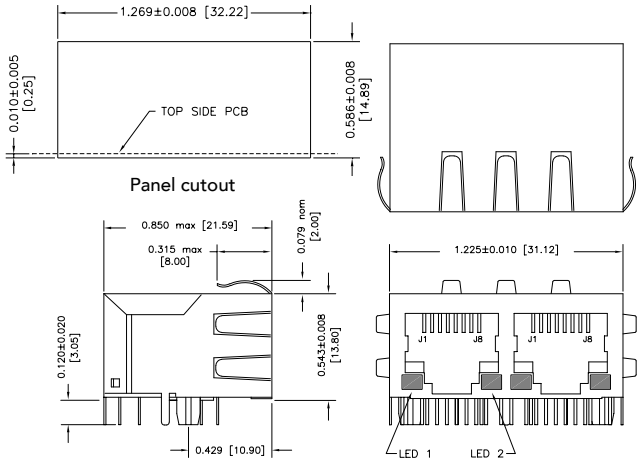


Dimensions are in inches [mm]

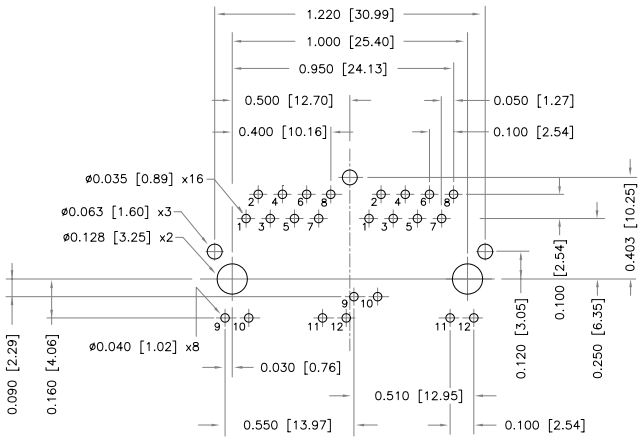


Recommended PCB Layout (Component Side)

HFJ12 Mechanical - With LED's

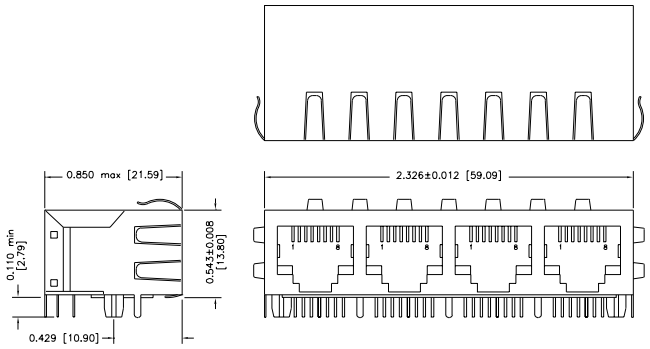


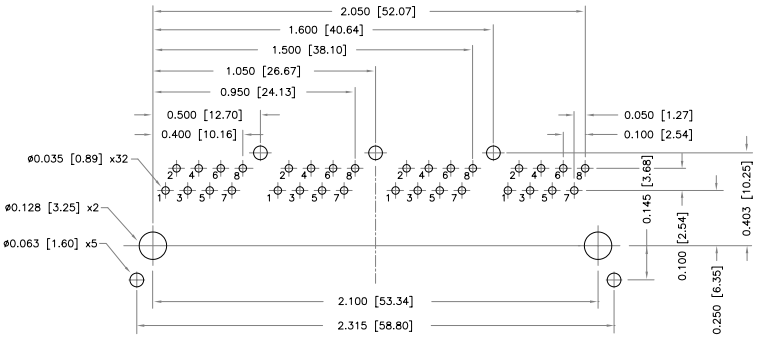
Dimensions are in inches [mm]



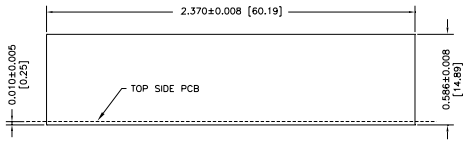
Recommended PCB Layout (Component Side)

HFJ14 Mechanical - Without LED's





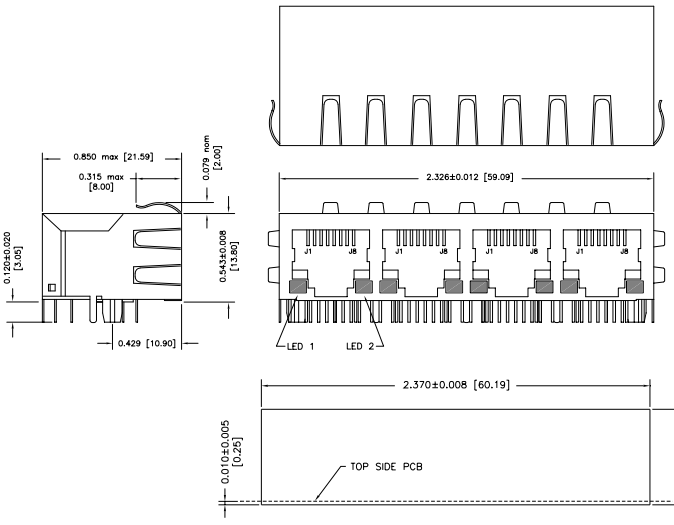
Recommended PCB Layout (Component Side)



Panel cutout

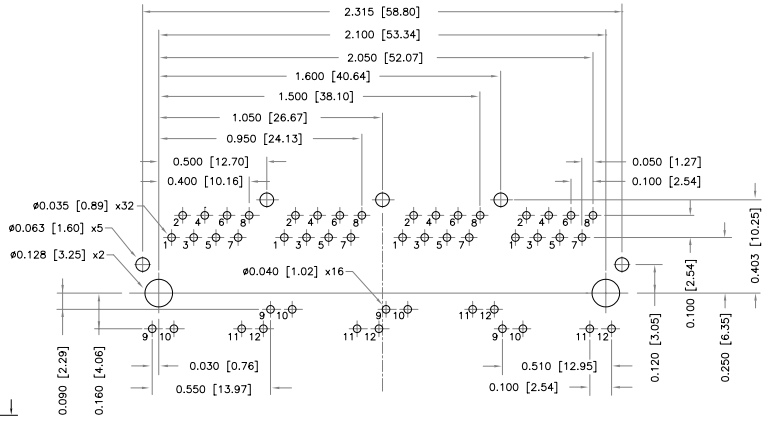
Dimensions are in inches [mm]

HFJ14 Mechanical - With LED's



Panel cutout

Dimensions are in inches [mm]



Recommended PCB Layout (Component Side)

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