



### Product Features:

- 10BASE-T Ethernet RJ45
- IEEE802.3i Compliant
- 100% Compliance Testing
- 1500Vrms Hi-Pot
- Proprietary Robust Contact Design
- 30µ" Gold Plating on Contacts

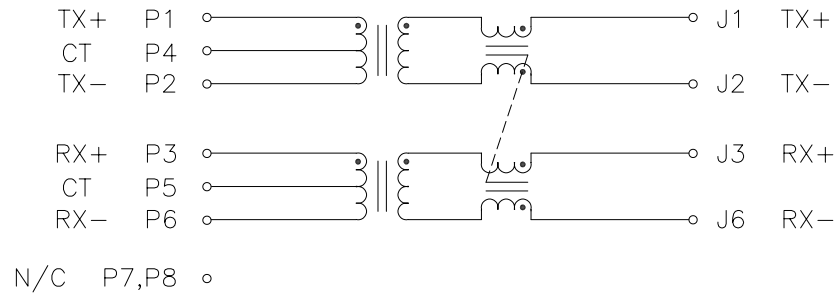
Part Number (0 to 70°C)	Footprint	LED's (L/R)	Turns Ratio (± 3%)		Return Loss 5-10MHz	OCL (100kHz, 0.1Vrms)		Crosstalk (0.1-10MHz)
			TX	RX		TX	RX	
HFJ11-1041HRL	A	None	1CT:2.5	1CT:1	-15dB	35µH	200µH	-40dB
HFJ11-1041ERL <sup>1</sup>	B	None	1CT:2.5	1CT:1	-15dB	35µH	200µH	-40dB
HFJ11-1041E-L11RL	C	G/G	1CT:2.5	1CT:1	-15dB	35µH	200µH	-40dB
HFJ11-1041E-L12RL	C	G/Y	1CT:2.5	1CT:1	-15dB	35µH	200µH	-40dB
HFJ11-1041E-L21RL	C	Y/G	1CT:2.5	1CT:1	-15dB	35µH	200µH	-40dB
HFJ11-1043HRL	A	None	1CT:1.41	1CT:1	-15dB	140µH	140µH	-40dB
HFJ11-1043ERL <sup>1</sup>	B	None	1CT:1.41	1CT:1	-15dB	140µH	140µH	-40dB
HFJ11-1043E-L11RL	C	G/G	1CT:1.41	1CT:1	-15dB	140µH	140µH	-40dB
HFJ11-1043E-L12RL	C	G/Y	1CT:1.41	1CT:1	-15dB	140µH	140µH	-40dB
HFJ11-1043E-L21RL	C	Y/G	1CT:1.41	1CT:1	-15dB	140µH	140µH	-40dB
HFJ11-1075HRL	A	None	1CT:2	1CT:1	-15dB	25µH	140µH	-40dB
HFJ11-1075ERL <sup>1</sup>	B	None	1CT:2	1CT:1	-15dB	25µH	140µH	-40dB
HFJ11-1075E-L11RL	C	G/G	1CT:2	1CT:1	-15dB	25µH	140µH	-40dB
HFJ11-1075E-L12RL	C	G/Y	1CT:2	1CT:1	-15dB	25µH	140µH	-40dB
HFJ11-1075E-L21RL	C	Y/G	1CT:2	1CT:1	-15dB	25µH	140µH	-40dB
HFJ11-1081HRL	A	None	1CT:1	1CT:1	-15dB	100µH	100µH	-40dB
HFJ11-1081ERL <sup>1</sup>	B	None	1CT:1	1CT:1	-15dB	100µH	100µH	-40dB
HFJ11-1081E-L11RL	C	G/G	1CT:1	1CT:1	-15dB	100µH	100µH	-40dB
HFJ11-1081E-L12RL	C	G/Y	1CT:1	1CT:1	-15dB	100µH	100µH	-40dB
HFJ11-1081E-L21RL	C	Y/G	1CT:1	1CT:1	-15dB	100µH	100µH	-40dB

#### Notes:

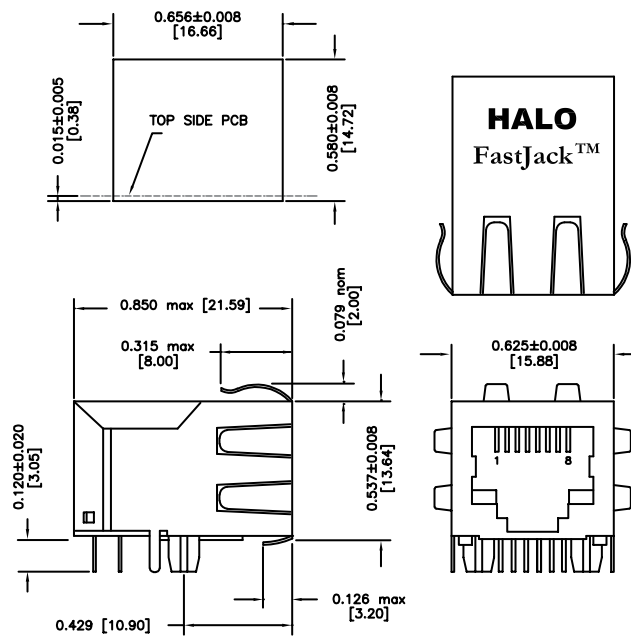
1. Not recommended for new designs.
2. LED Key : G = Green, Y = Yellow
3. Other LED colors, bi-colors, polarities, and current limiting versions available
4. Tab-Up and extended temperature available
5. Lightning strike and power line cross circuit protection versions available
6. 1x2 and 1x4 ganged Fastjacks available
7. Additional turns ratios available

# HALO 10BASE-T Ethernet Family of FastJacks

## Circuit



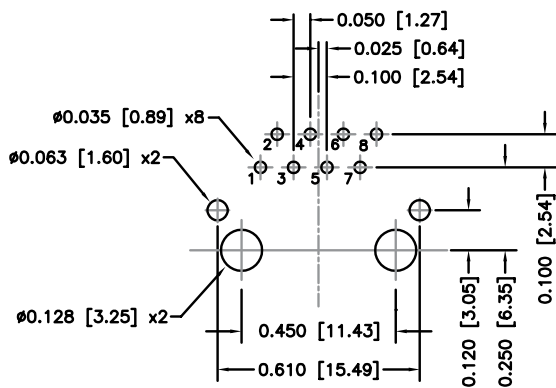
## Mechanical



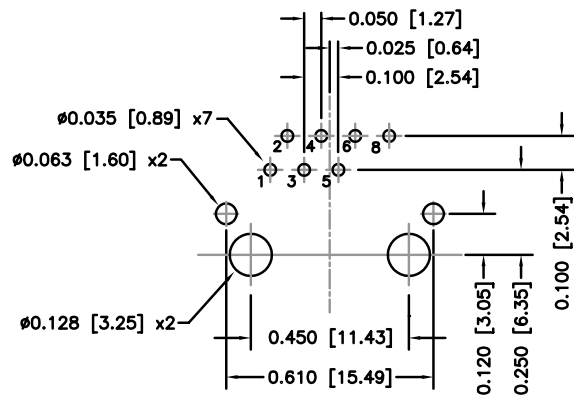
Dimensions are in inches [mm]

# HALO 10BASE-T Ethernet Family of FastJacks

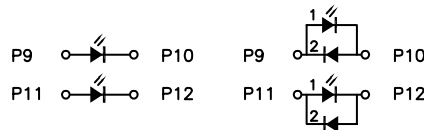
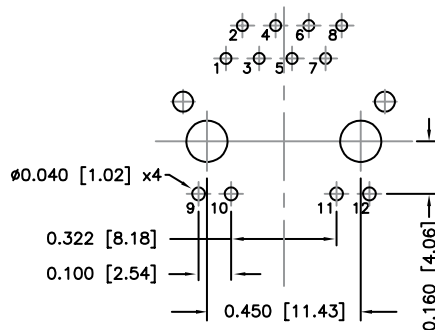
## Footprint A



## Footprint B



## Footprint C



Recommended PCB Layout (Component Side)

Dimensions are in inches [mm]



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