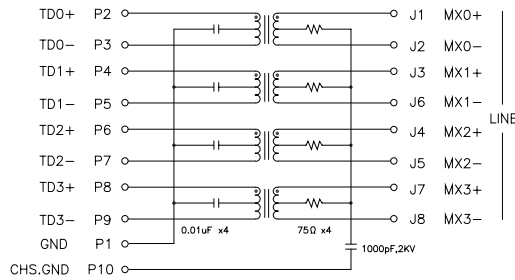


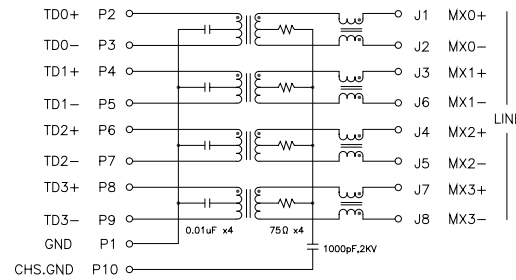
HALO Electronics is pleased to offer this new series of small footprint, low cost, Gigabit FastJack™ integrated connectors. This series has been designed and tested for the Cicada family of SimpliPhy™ products. Optimized to provide the highest return loss and insertion loss performance when used with the Cicada Phy.



Circuit A



Circuit B



Electrical Specifications @ 25°C

Operating Temp:	0 to +70°C
Isolation Voltage:	1,500Vrms
Turns Ratio:	1CT:1CT +/-2%
OCL (100KHz, 0.1Vrms, 8mA)	350µH min
Insertion Loss (0.1-100MHz)	-1.1dB Max
CMR (0.1-100MHz):	-40dB typ
Crosstalk (0.1-100MHz)	-[33-20log(F/100MHz)]dB typ



RoHS compliant versions are available.
Specify RoHS compliant product by adding the suffix "RL".

Circuit	Port Count		
	Single	1x2	1x4
A	HFJ11-1G40E	HFJ12-1G40E	HFJ14-1G40E
B	HFJ11-1G41E	HFJ12-1G41E	HFJ14-1G41E

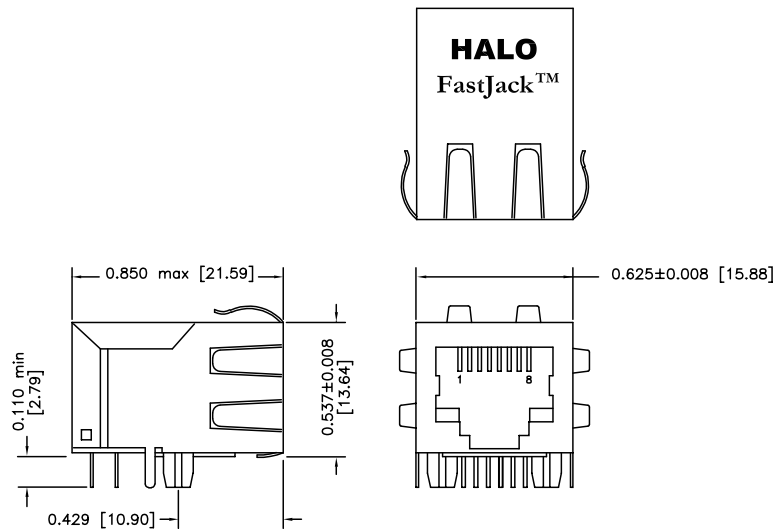
- Optional LED's are available for single and ganged FastJacks™. Please consult the LED option page for color selection and part number codes.

Please refer to the individual data sheets for more information

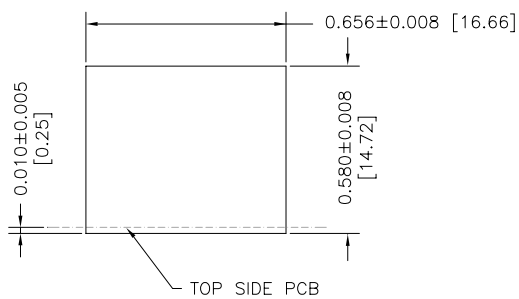


Single Port

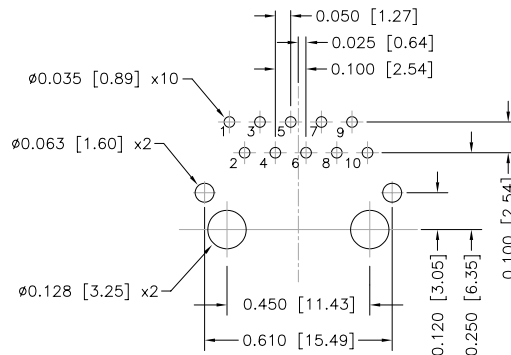
Mechanical Drawing



Recommended Panel Cutout

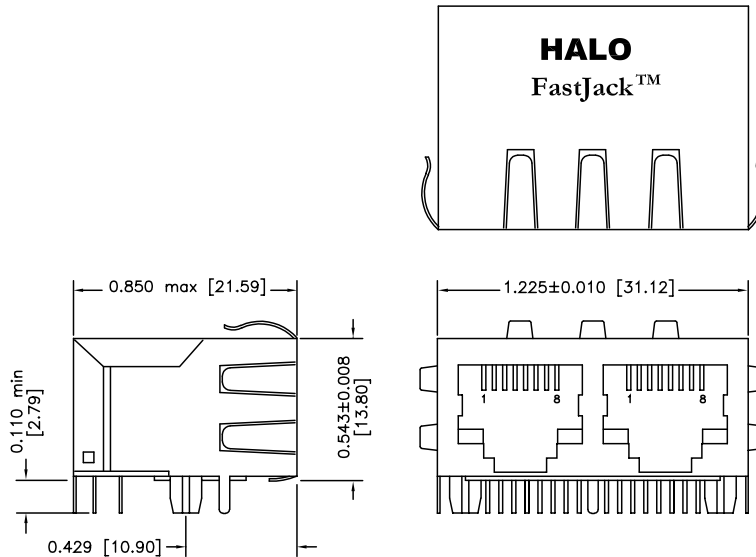


Recommended PC Layout

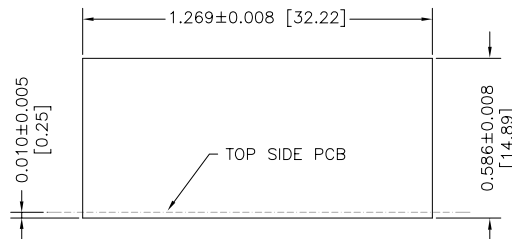




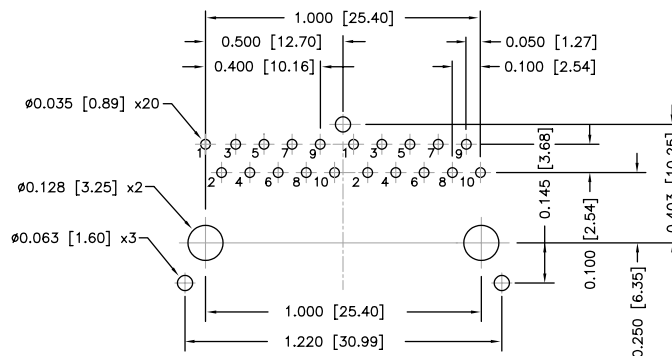
**Double Port
Mechanical Drawing**



Recommended Panel Cutout



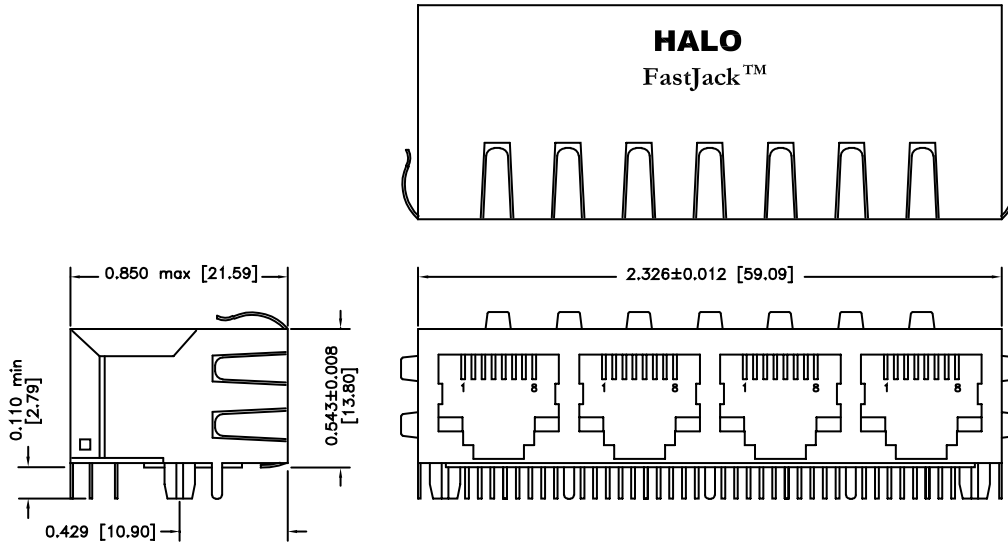
Recommended PC Layout



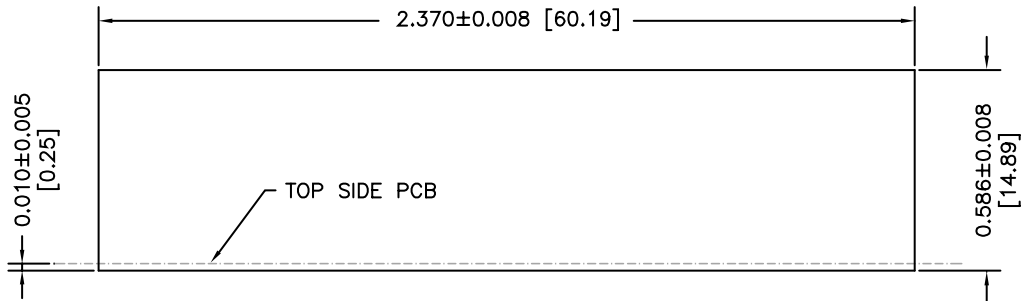


Quad Port

Mechanical Drawing



Recommended Panel Cutout



Recommended PC Layout

