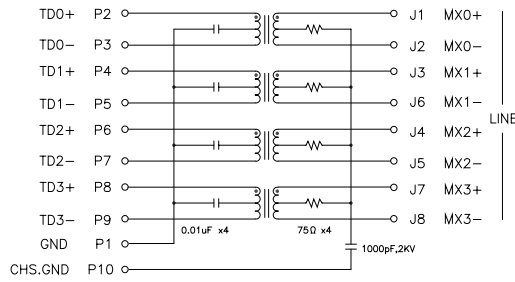


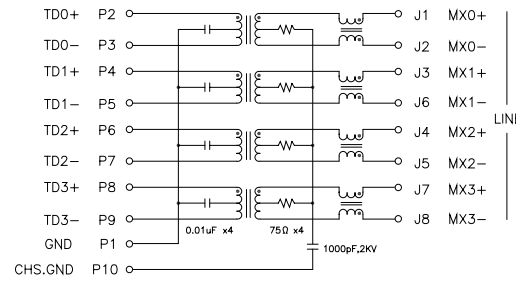
HALO Electronics is pleased to offer this new series of small footprint, low cost, Gigabit FastJack™ integrated connectors. This series has been designed and tested for the Cicada family of SimpliPhy™ products. Optimized to provide the highest return loss and insertion loss performance when used with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

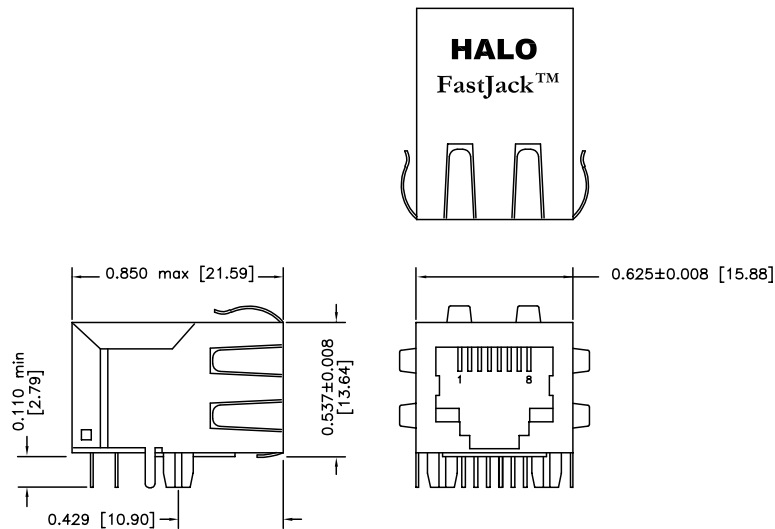
- Optional LED's are available for single and ganged FastJacks™. Please consult the LED option page for color selection and part number codes.

Please refer to the individual data sheets for more information

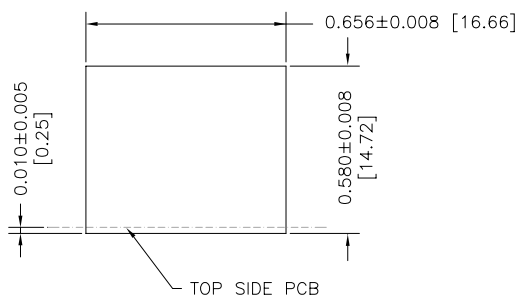


## Single Port

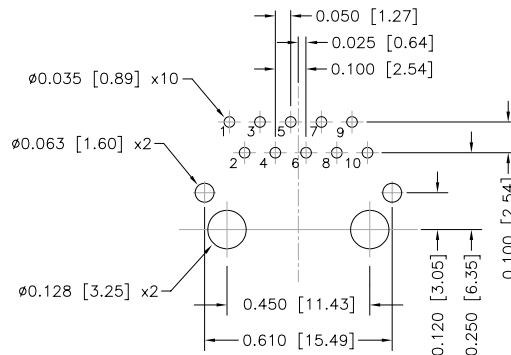
### Mechanical Drawing



### Recommended Panel Cutout

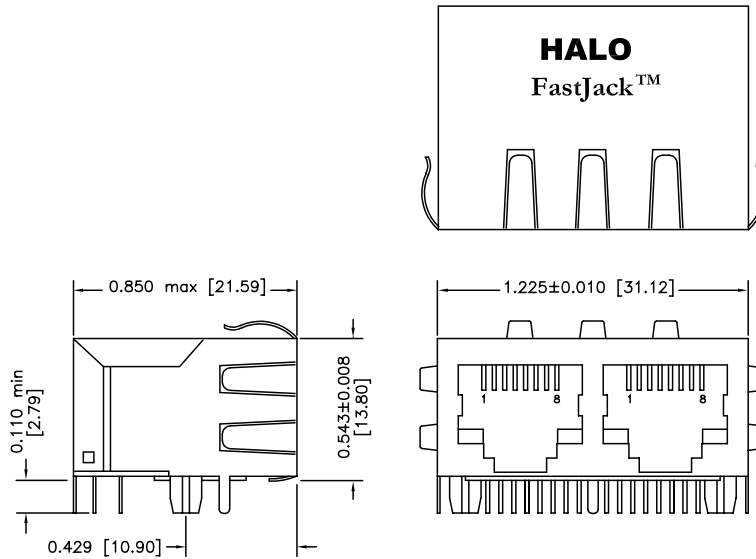


### Recommended PC Layout

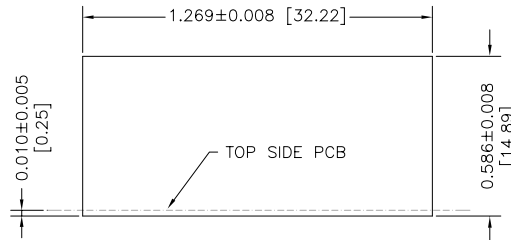




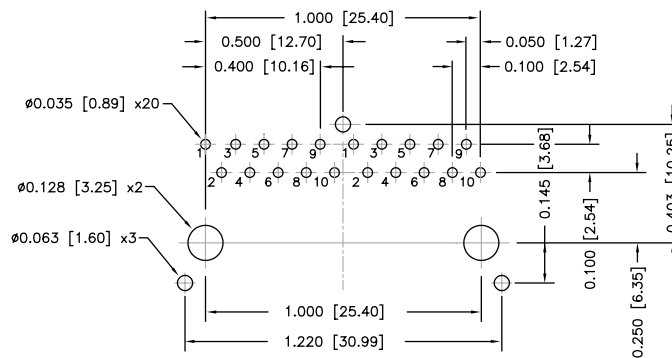
**Double Port  
Mechanical Drawing**



**Recommended Panel Cutout**



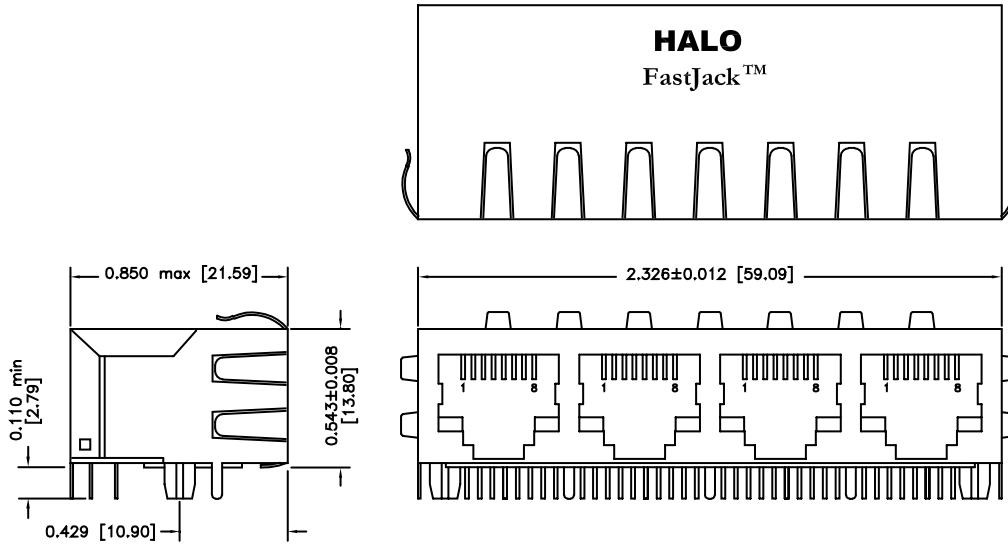
**Recommended PC Layout**



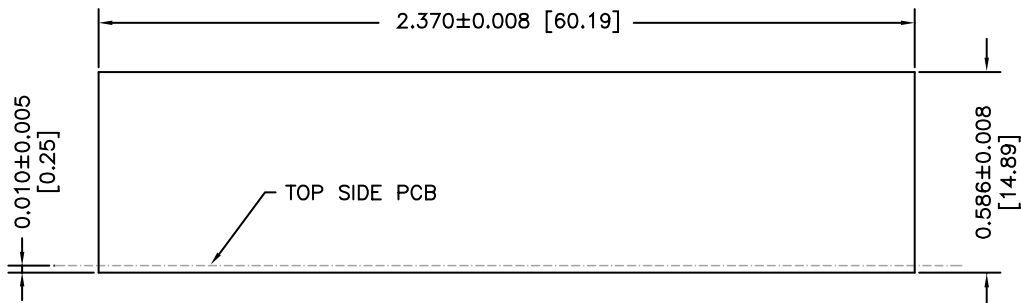


## Quad Port

### Mechanical Drawing



### Recommended Panel Cutout



### Recommended PC Layout

