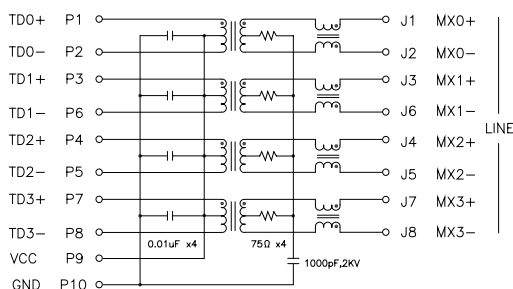


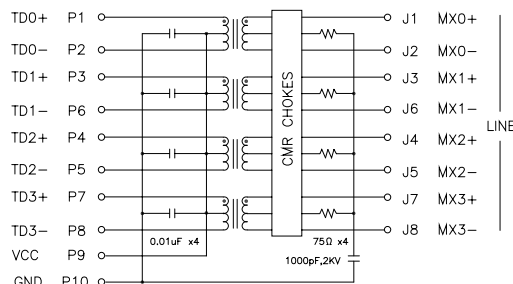


HALO Electronics is pleased to offer this new series of small footprint Gigabit single and Ganged FastJack™, integrated connectors. This series is ideal for hi-density switch applications requiring the highest performance in a minimal amount of real estate. HALO's Gigabit FastJacks™ are compatible with all leading silicon vendors' Phy's. Please contact your local HALO Representative for more information.

Standard Choke Circuit



Enhanced Choke Circuit



Electrical Specifications @ 25°C

Operating Temp:	0 to +70°C	Return Loss (min):	
Isolation Voltage:	1,500 Vrms	1-40Mhz	-18dB
OCL (100KHz, 0.1Vrms, 8mA):	350uH min	60Mhz	-14.5dB
CMR (0.1-100MHz):	-40dB typ	80Mhz	-12dB
Insertion Loss (0.1-100MHz):	-1.1dB Max	100Mhz	-10dB
Crosstalk (0.1-100MHz):	-[33-20log(F/100Mhz)]dB typ		

Patented Construction

US Pat Nbrs: 5,656,985; 6,297,721 B1; 6,297,720 B1; 6,320,489 B1; 6,344,785 B1



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

CMR Choke	Single	Port Count Double	Quad
Standard Choke	HFJ11-1G01E	HFJ12-1G01E	HFJ14-1G01E
Enhanced Choke ¹	HFJ11-1G02E	HFJ12-1G02E	HFJ14-1G02E

Notes:

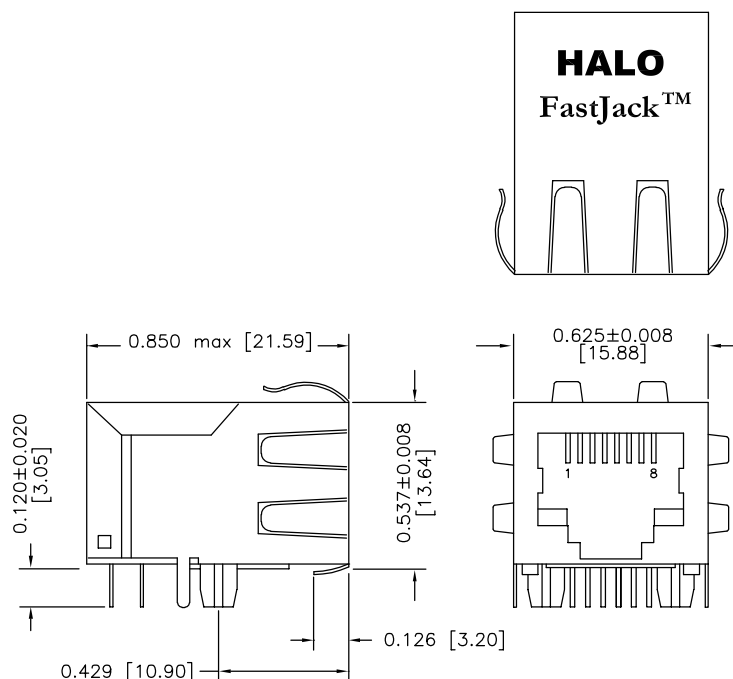
1. The Enhanced CMR Choke circuit provides a low impedance path to ground for improved noise immunity performance when needed. Impedance test data available upon request.

Please see individual data sheets for complete electrical specifications.

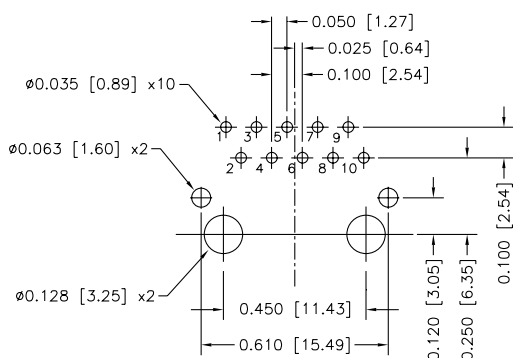
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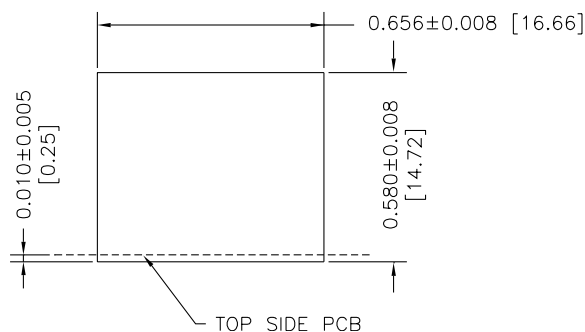
Single



Dimensions: Inch [mm]



Recommended PDB Pattern

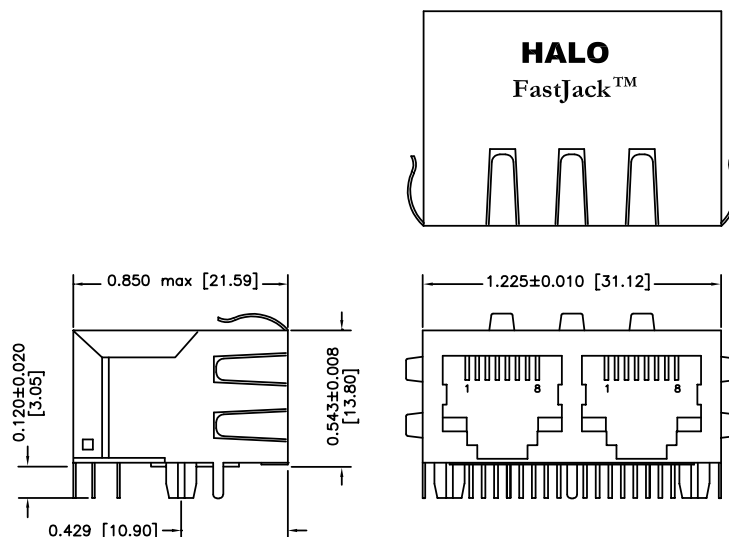


Recommended Panel Cut-out

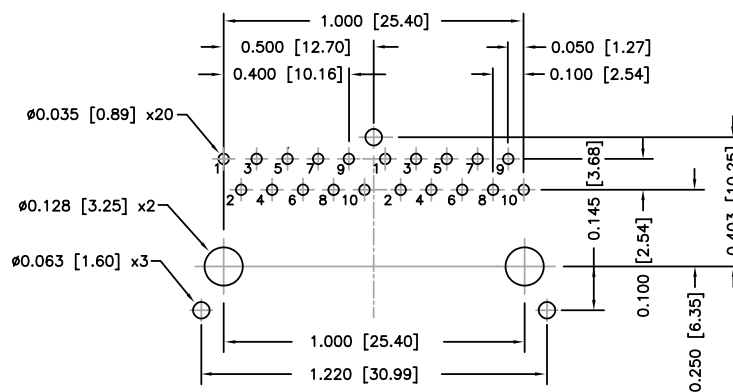
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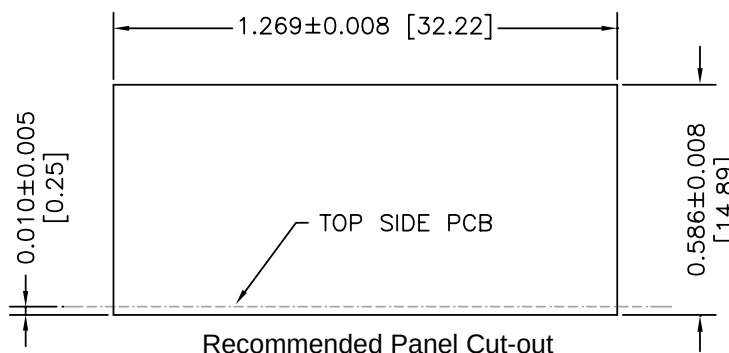
Double



Dimensions: Inch [mm]



Recommended PDB Pattern

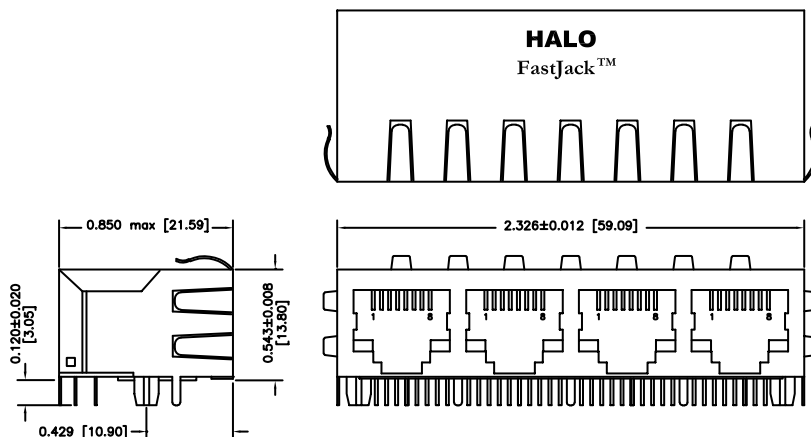


Recommended Panel Cut-out

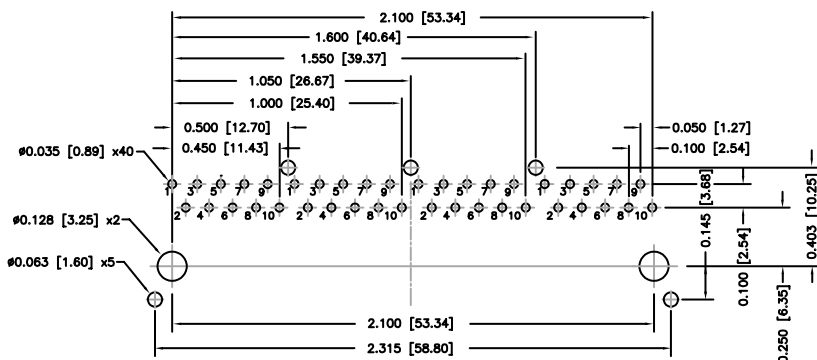
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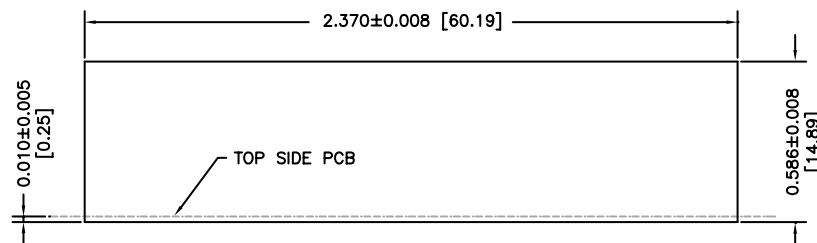
Quad



Dimensions: Inch [mm]



Recommended PDB Pattern



Recommended Panel Cut-out