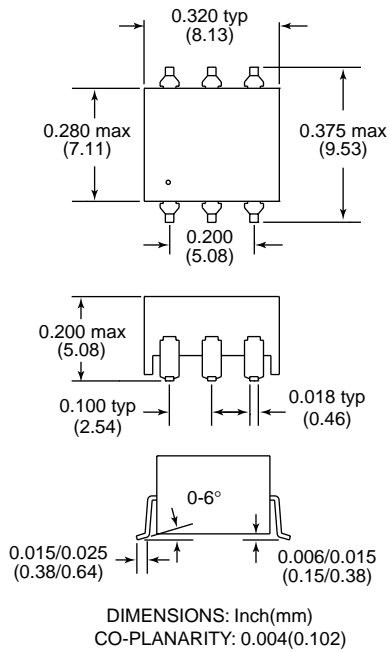


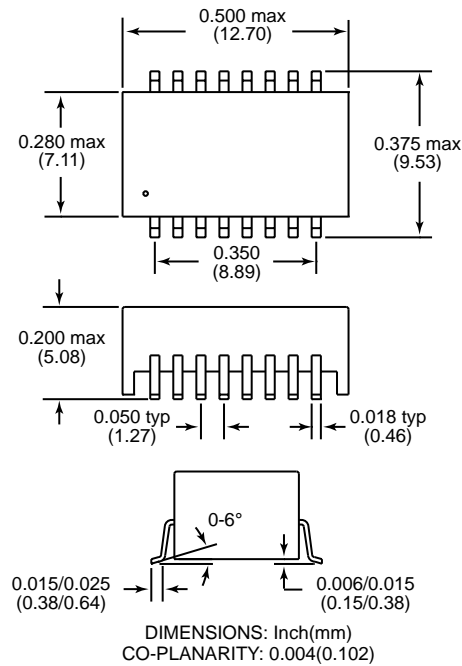
HALO Electronics is pleased to present this standard series of 1:1 Fibre Channel Isolation Modules to meet the requirements of ANSI X3T11 in copper cable applications. Available in two low profile SMD packages for single or dual core designs.



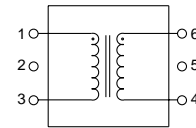
NS Package



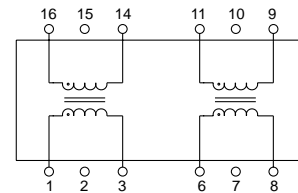
N1 Package



Schematic A



Schematic B



Patented Construction

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

Electrical Specifications @ 25°C

Isolation Voltage: 2,000 Vrms
Turns Ratio: 1 : 1 ±2%
Leakage Inductance: 0.10µH Max.
DCR: 0.20Ω Max.

Part Number	Pri OCL (µH min)	Rise Time @ 20-80% (nS max)	Cw/w (pF max)	Circuit Diagram	Baud Rate Mhz
TG01-FC03NS	3.75	0.28	5.0	A	1,062,500
TG01-FC03N1	3.75	0.28	5.0	B	1,062,500
TG01-FC07NS	7.5	0.40	5.0	A	531,250
TG01-FC07N1	7.5	0.40	5.0	B	531,250
TG01-FC15NS	15.0	0.80	5.0	A	266,625
TG01-FC15N1	15.0	0.80	5.0	B	266,625
TG01-FC30NS	30	1.6	5.0	A	132,812.5
TG01-FC30N1	30	1.6	5.0	B	132,812.5