

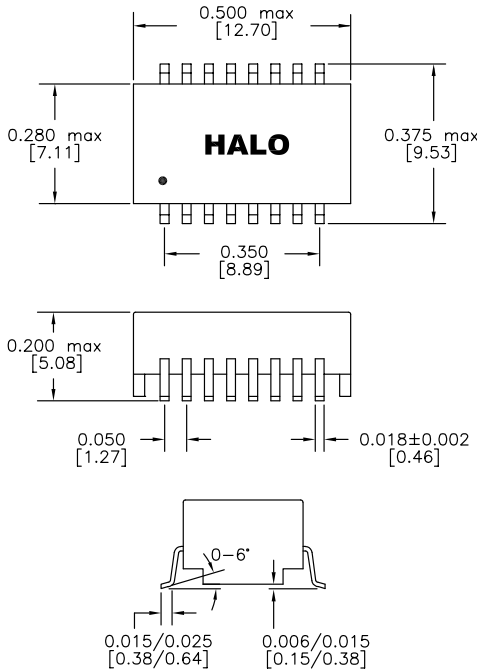
HALO T3/DS3/E3/STS-1 ELECTRONICS, INC. Dual Isolation Modules

HALO Electronics has developed this standard series of dual transformer Isolation Modules to meet the return loss requirements of G.703 for T3, DS3, E3 and STS-1 applications. UL60950 and EN60950 recognized. Non-standard devices are also available. Please contact your local [HALO Representative](#).

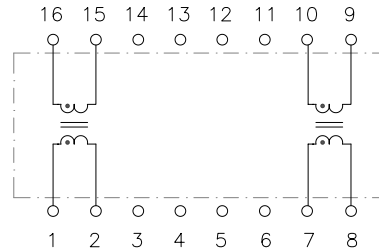


T3/DS3/E3/STS-1
Dual Isolation Modules

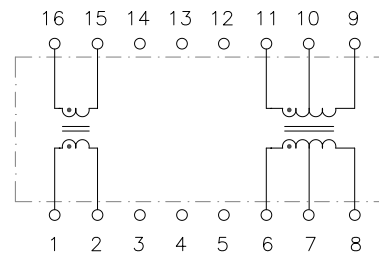
N1 Package



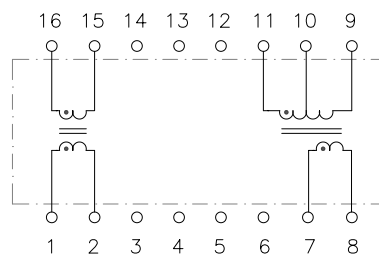
Schematic A



Schematic B



Schematic C



Electrical Specifications @ 25°C

Isolation: 1,500 Vrms
Crosstalk: -60dB 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 6,662,431 B1

Part Number	Schematic	Pri Pins	Turns Ratio ±2%		PRI OCL (μH min)	LL (μH max)
			PRI	SEC		
TG01-0406N1RL	A	1-2 & 7-8	1:1	1:1	40 & 40	0.10
TG20-S001N1RL	A	1-2 & 7-8	1:1	1:1.5	40 & 40	0.12
TG57-0406N1RL	B	1-2 & 6-8	1:1	1CT:1CT	40 & 40	0.10
TG74-0406N1RL	C	1-2 & 7-8	1:1	1:2CT	40 & 19	0.10
Extended Temp Range (-40C to +85C)						
TG01-0456N1RL	A	1-2 & 7-8	1:1	1:1	45 & 45	0.12
TG57-0456N1RL	B	1-2 & 6-8	1:1	1CT:1CT	45 & 45	0.12
TG74-0456N1RL	C	1-2 & 7-8	1:1	1:2CT	45 & 35	0.12