



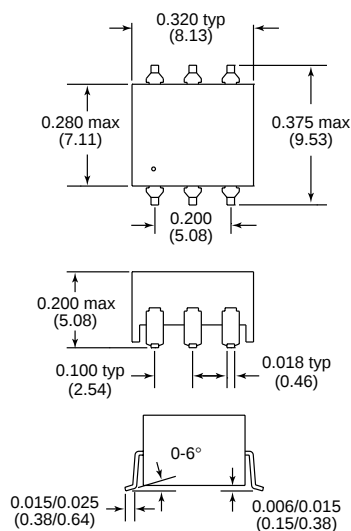
T3/DS3/E3/STS-1 Single Isolation Modules

HALO
ELECTRONICS, INC.

HALO Electronics has developed this standard series of Isolation Modules to meet the return loss requirements of G.703 for T3, DS3, E3 and STS-1 applications. UL1950, IEC950 and EN60950 recognized. Non-standard devices are also available. Please contact your local HALO Representative.

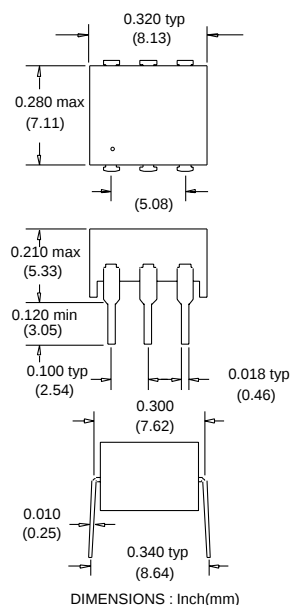
MECHANICAL PACKAGES

SMD



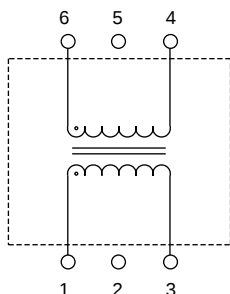
DIMENSIONS: Inch(mm)
CO-PLANARITY: 0.004(0.102)

DIP

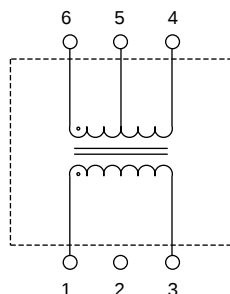


DIMENSIONS : Inch(mm)

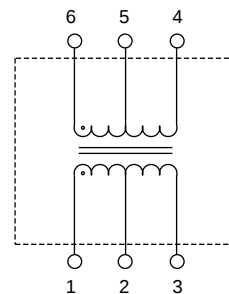
Schematic A



Schematic B



Schematic C



Electrical Specifications @ 25°C

Isolation: 1,500 Vrms

Part Number		Schematic	Pri Pins	Turns Ratio $\pm 2\%$ PRI : SEC	PRI OCL (μH min)	LL (μH max)
SMD	DIP					
TG01-0406NS	TD01-0406NE	A	1-3	1:1	40	0.10
TG04-0406NS	TD04-0406NE	C	1-3	1CT:1CT	40	0.10
TG07-0206NS	TD07-0206NE	B	1-3	1:2CT	19	0.06
TG23-0206NS	TD23-0206NE	B	1-3	1:2.42CT	19	0.08
Extended Temp Range (-40C to +85C)						
TG01-0456NS	TD01-0456NE	A	1-3	1:1	45	0.12
TG07-0356NS	TD07-0356NE	B	1-3	1:2CT	35	0.12
TG23-0356NS	TD23-0356NE	B	1-3	1:2.42CT	35	0.12