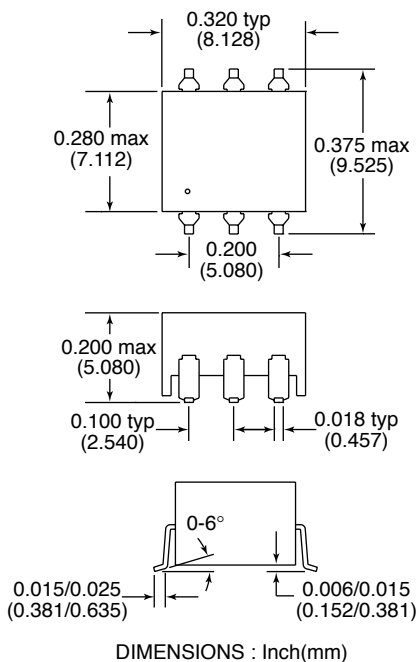


HALO Electronics has developed this standard series of Isolation Modules to meet the return loss requirements of G.703 for T3, DS3, E3 and STS-1 applications. UL60950, IEC60950 and EN60950 recognized. Non-standard devices are also available. Please contact your local HALO Representative.

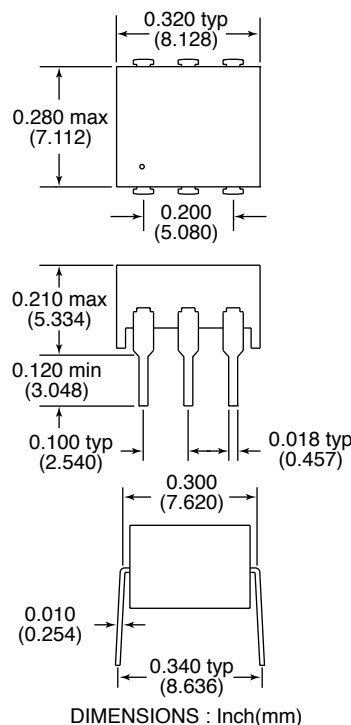


### Mechanical Packages

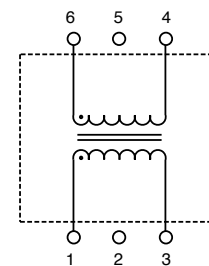
#### SMD



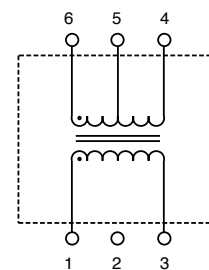
#### DIP



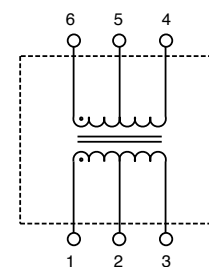
#### Schematic A



#### Schematic B



#### Schematic C



#### 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



#### Electrical Specifications @ 25°C

Isolation: 1,500 Vrms

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