

HALO SMD E4/STM-1/STS-3/OC-3 Modules

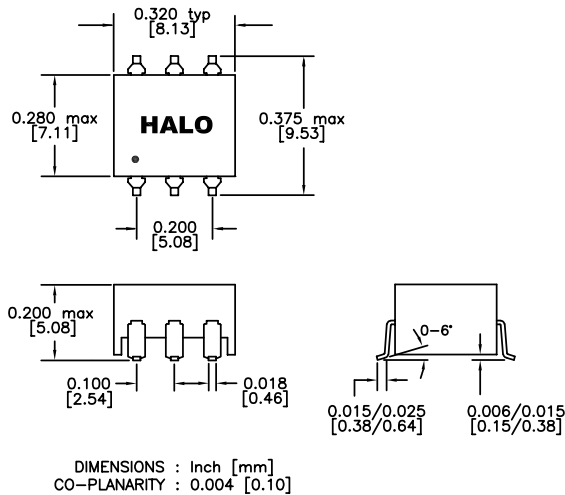
HALO ELECTRONICS, INC.

HALO Electronics has developed this standard series of single and dual core devices to meet the requirements for E4, STM-1, STS-3 and OC-3 applications. Designed specifically to interface with the TDK 78P2253 transceiver. UL1950, IEC950 and EN60950 recognized.

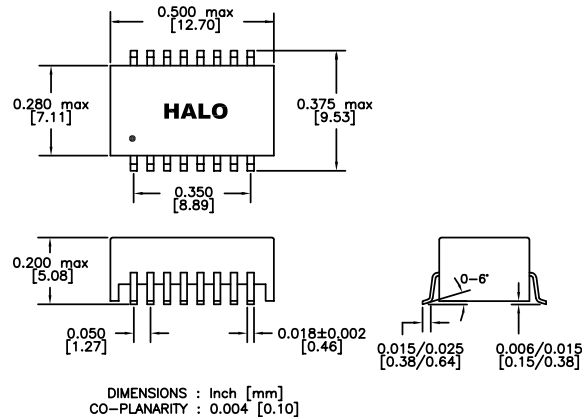


SMD E4/STM-1/STS-3/OC-3 Modules

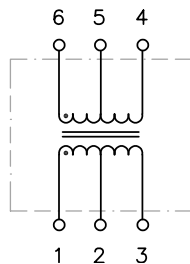
Single NS Package



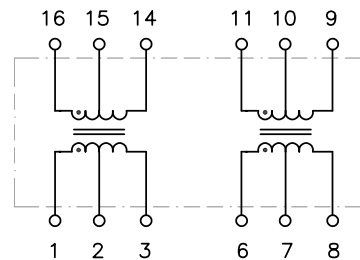
Dual N1 Package



Circuit Schematic A



Circuit Schematic B



Electrical Specifications @ 25°C

Isolation Voltage: 1,500 Vrms

OCL: 36µH min.

Bandwidth: 0.1 - 400MHz

Operating Temp: -40 to +85°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



RoHS compliant versions are available.

Specify RoHS compliant product by adding the suffix "RL".

Part Number	Turns Ratio +/-3%	Return Loss (typ)		DCR	Baud Rate Ω Max.	Circuit Mhz
	PRI:SEC	1-320MHz	5-100MHz			
TG04-TDK2NS	1CT:1CT	-15dB	-20dB	0.30	1-3	A
TG04-TDK1N1	1CT:1CT & 1CT:1CT	-15dB	-20dB	0.30	1-3 & 6-8	B