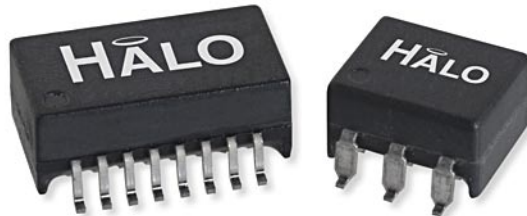


E4/STM-1/STS-3/OC-3 Modules

Single or Dual Transformer Isolation, SMD Package

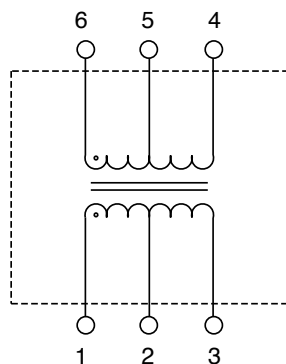


Product Features:

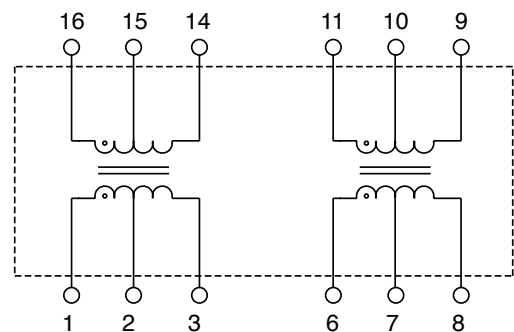
- Standard series of single and dual core devices to meet the requirements for E4, STM-1, STS-3 and OC-3 applications.
- Designed specifically to interface with the TDK 78P2253 transceiver.
- 1500Vrms Hi-Pot
- Operating Temp -40 to +85°C
- UL60950 and EN60950 recognized
- Patented Open Frame Construction

Part Number	Turns Ratio $\pm 3\%$ PRI:SEC	Return Loss 8-240MHz (min)	OCL PRI (μH min)	DCR (Ω max)	Baud Rate Mhz	Primary Pins	Circuit Schematic
TG04-TDK2NSRL	1CT:1CT	-15dB	36	0.30	0.1 – 400	1-3	A
TG04-TDK1N1RL	1CT:1CT & 1CT:1CT	-15dB	36	0.30	0.1 – 400	1-3, 6-8	B

Circuit A

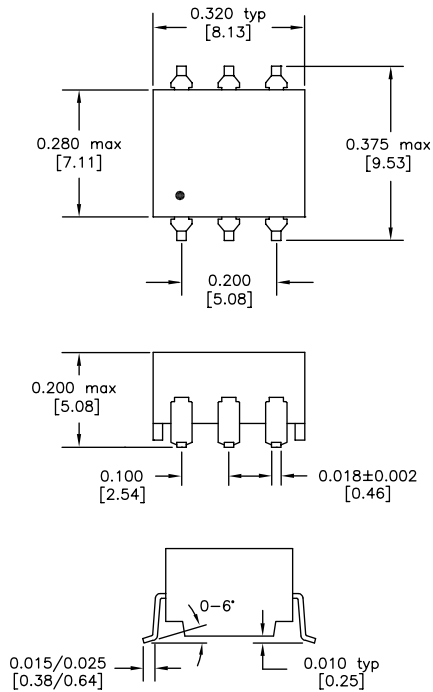


Circuit B

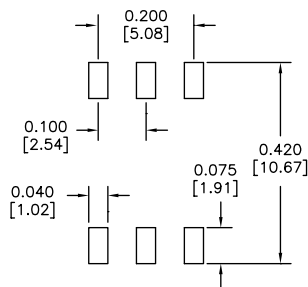


E4/STM-1/STS-3/OC-3 Isolation Modules

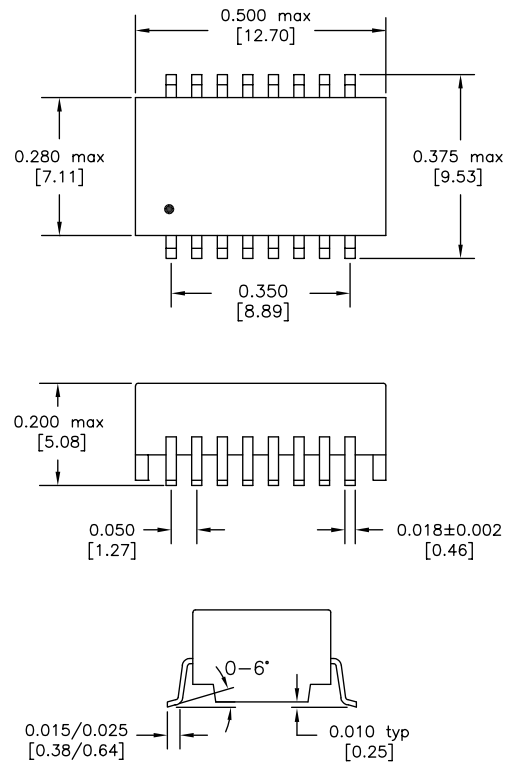
Package NS



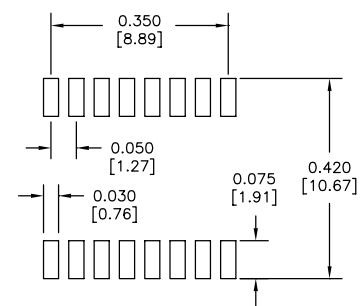
Recommended
Solder Pad Dimensions



Package N1



Recommended
Solder Pad Dimensions



Dimensions: inches [mm]
Co-Planarity: 0.004 [0.10]

US Patent Numbers

5,656,985 6,297,721 B1
6,297,720 B1 6,320,489 B1
6,344,785 B1 6,662,431 B1

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