Low Profile 10/100BASE-TX Transfomer

SMD Single Port Low Profile 10/100BASE-TX Isolation Modules

HALO ELECTRONICS, INC.



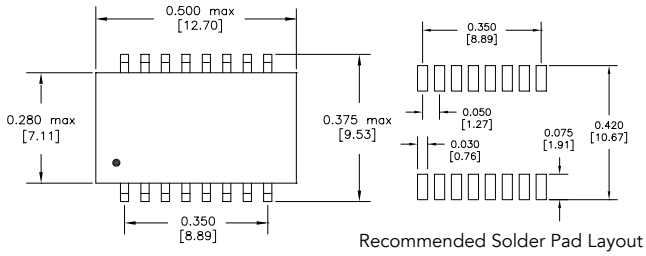
Product Features:

- Low Profile Transformer/Choke
- Meets IEEE802.3u Specifications
- UL/EN60950 Recognized
- 100% Compliance Testing
- 1500Vrms Hi-Pot
- Patented Open Frame Construction

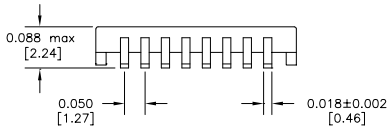
Part Number	Circuit	Package	Temp. Range	Return Loss (min) 1-30MHz	40MHz	50MHz	60-80MHz	PRI DCR (Ω max)
TG110-S050P2RL	A	P2	0 to 70°C	-18dB	-15.5dB	-13.6dB	-10dB	0.9
TG110-S053P2RL	B	P2	0 to 70°C	-18dB	-15.5dB	-13.6dB	-10dB	0.9
TG110-S055P2RL	C	P2	0 to 70°C	-18dB	-15.5dB	-13.6dB	-10dB	0.9
TG110-S050J2RL	A	J2	0 to 70°C	-18dB	-15.5dB	-13.6dB	-12dB	0.9
TG110-S055J2RL	C	J2	0 to 70°C	-18dB	-15.5dB	-13.6dB	-12dB	0.9

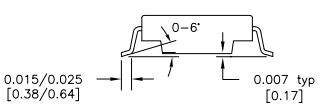
Notes:
1. Please contact the factory or representative for individual datasheets or additional information
2. Contact factory for "LF" lead free availability

P2 Package



Recommended Solder Pad Layout

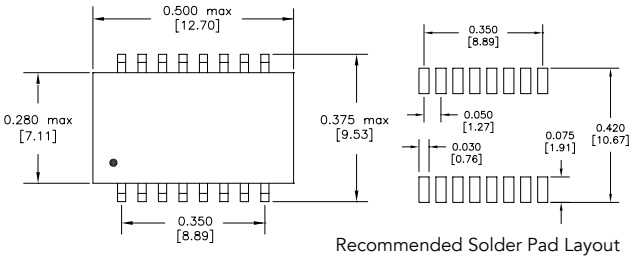




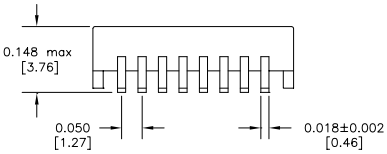
Dimensions: inch [mm]
Co-Planarity: 0.004 [0.10]

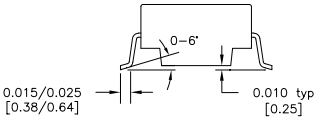
US Patent Numbers:
5,656,985 6,297,721 B1
6,297,720 B1 6,320,489 B1
6,344,785 B1 6,662.431 B1

J2 Package



Recommended Solder Pad Layout



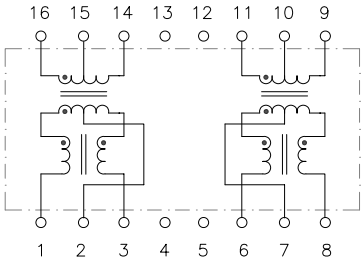


Dimensions: inch [mm]
Co-Planarity: 0.004 [0.10]

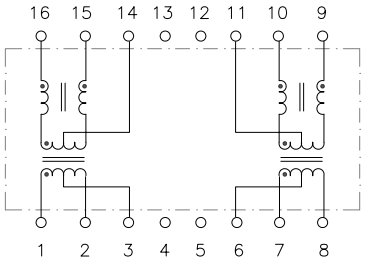
For additional information contact your local representative, or HALO's support staff at (650) 903-3800 or info@haloelectronics.com

HALO Low Profile 10/100BASE-TX Transformer

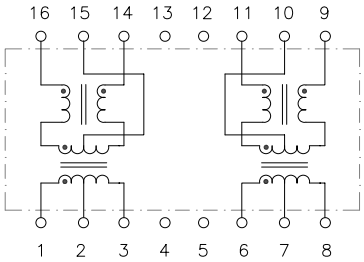
Circuit A



Circuit B



Circuit C



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