

10GBASE-T Transformer

SMD 10GBASE-T 24 Pin Transformer

HALO
ELECTRONICS, INC.



Product Features:

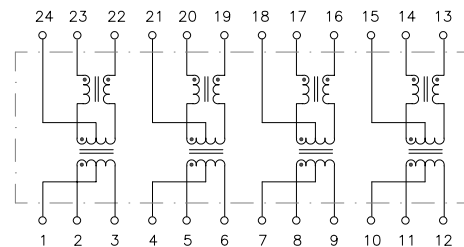
- 10GBASE-T Ethernet Discrete Transformer
- IEEE802.3an Compliant
- UL/EN60950 Recognized
- 100% Electrical Testing
- 1500Vrms Hi-Pot
- Patented Open Frame Construction

Part Number	Circuit	Temp. Range	PoE	Return Loss (min)					
				1-40MHz	100MHz	200MHz	400MHz	500MHz	DCR (max)
TG10G-S100NJLF	A	0 to 70°C	-	-18dB	-13dB	-10dB	-7dB	-6dB	0.8Ω
TG10G-S101NJLF	B	0 to 70°C	-	-18dB	-13dB	-10dB	-7dB	-6dB	0.8Ω
TG10G-S102NJLF	C	0 to 70°C	-	-18dB	-13dB	-10dB	-7dB	-6dB	0.8Ω
TG10G-RP02NJLF	C	0 to 70°C	✓	-18dB	-13dB	-10dB	-7dB	-6dB	0.5Ω

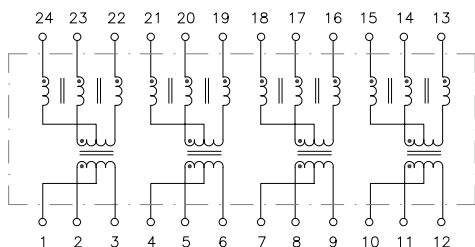
Notes:

1) Please contact the factory or representative for individual data-sheets or additional information.

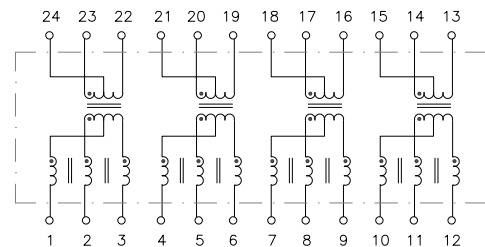
Circuit A

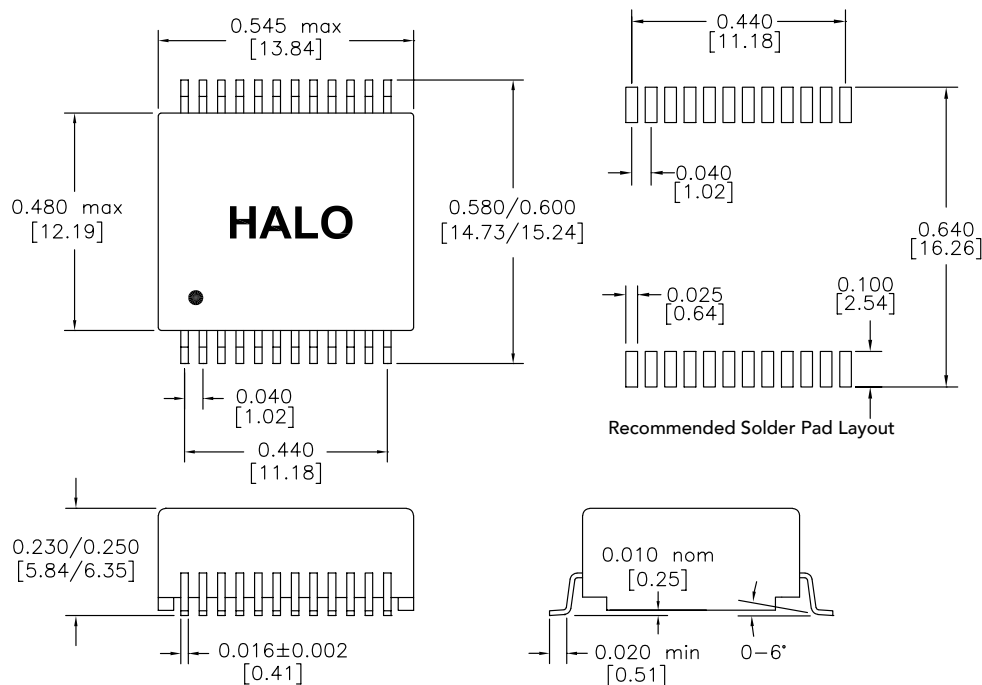


Circuit B



Circuit C





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

Patented Construction

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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HALO® Electronics is a leading supplier of high quality communication magnetics including signal transformers, filters, CMR chokes, PoE power transformers, DC/DC converters, and integrated Ethernet connectors. HALO's leading edge technology solutions are manufactured in ISO9001 and ISO14001 factories offering high quality products at a competitive price.