Dual Port GigE Transformer

SMD 50 Pin "Slimline" Dual Port Gigabit Isolation Modules













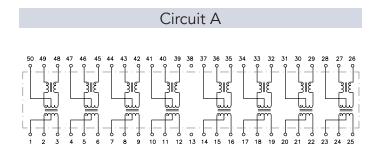
Product Features:

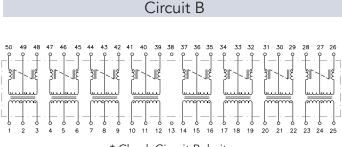
- Dual Port Gigabit Ethernet Transformer/Choke
- Slimline Package Design
- IEEE802.3ab Compliant
- UL/EN60950 Recognized
- 100% Electrical Testing
- 1500Vrms Hi-Pot
- Patented Open Frame Construction

Part Number	Circuit	Temp. Range	1-40MHz	Return Lo	oss (min) 80MHz	100MHz	OCL (min) (100KHz, 0.1Vrms, 8mA)
TG111-S201NWLF	А	0 to 70°C	-18dB	-14dB	-12dB	-10dB	350µH
TG111-E201NWLF	А	-40 to +85°C	-18dB	-14dB	-12dB	-10dB	350µH
TG111-S212NWLF	C ¹	0 to 70°C	-18dB	-14dB	-12dB	-10dB	350µH
TG111-E212NWLF	C ¹	-40 to +85°C	-18dB	-14dB	-12dB	-10dB	350µH
TG1G-S220NWLF	B ³	0 to 70°C	-18dB	-14dB	-12dB	-10dB	350µH
TG1G-E220NWLF	B ³	-40 to +85°C	-18dB	-14dB	-12dB	-10dB	350µH

Notes:

- 1. Can be used in PoE 802.3af applications.
- 2. Please contact the factory or representative for individual datasheets or additional information.
- 3. Please review polarity locations on circuit B (eg. pin 1 goes to pin 48). Contact factory if you have any questions.





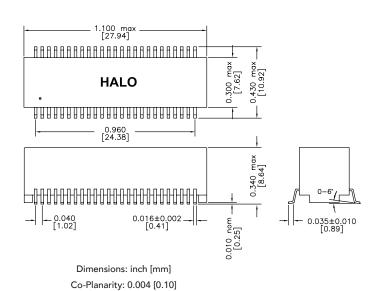
* Check Circuit Polarity

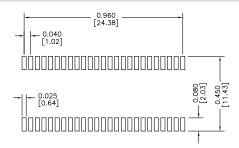
Circuit C 50 49 48 47 46 45 44 43 42 41 40 39 38 37 36 35 34 33 32 31 30 29 28 27 26

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

HALO Dual Port Gigabit 50-Pin "Slimline" Transformers

NW Package





Recommended Solder Pad Layout

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



HALO® Electronics is a leading supplier of high quality communication magnetics including signal transformers, filters, CMR chokes, PoE power transformers, DC/DC isolation modules, and integrated Ethernet connectors. HALO's high quality and competitively priced leading edge technology solutions are manufactured in ISO9001 and ISO14001 factories.

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