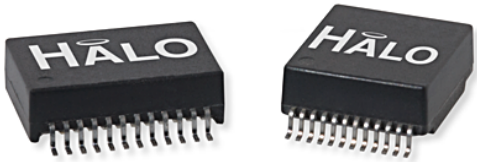


Dual Port 10/100 PoE Transformer



Dual Port 10/100BASE-TX PoE and PoE+



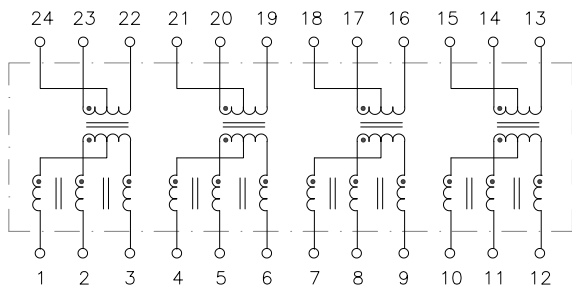
Product Features:

- Dual Port 10/100 PoE/PoE+ Transformer
- IEEE802.3au/af/at Compliant
- UL/EN60950 Recognized
- 100% Electrical Testing
- 1500Vrms Hi-Pot
- Patented Open Frame Construction

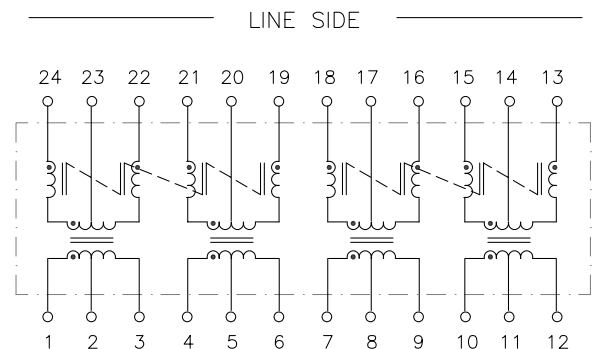
Part Number	Circuit	Package	Temp. Range	PoE	Return Loss (min)				Insertion Loss (max)
					1-40MHz	60MHz	80MHz	100MHz	
TG111-S112NYRL	A	NY	0 to 70°C	PoE	-18dB	-14dB	-12dB	-10dB	-1.1dB
TG111-E112NYRL	A	NY	-40 to +85°C	PoE	-18dB	-14dB	-12dB	-10dB	-1.1dB
TG1G-S012NZRL	A	NZ	0 to 70°C	PoE	-18dB	-14dB	-12dB	-10dB	-1.1dB
TG1G-E012NZRL	A	NZ	-40 to +85°C	PoE	-18dB	-14dB	-12dB	-10dB	-1.1dB
TG111-HP3NZRL *	A	NZ	0 to 70°C	PoE+	-18dB	-14dB	-12dB	-10dB	-1.1dB
TG111-HPE3NZRL *	A	NZ	-40 to +85°C	PoE+	-18dB	-14dB	-12dB	-10dB	-1.1dB
TG110-RP06NJRL	B	NJ	0 to 70°C	PoE	-18dB	-14dB	-12dB	-10dB	-1.1dB

* Pins 13 - 24 must be located on the line side for PoE+

Circuit A



Circuit B

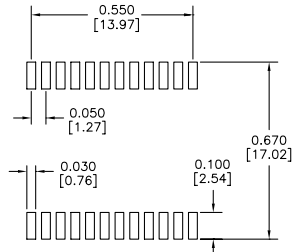
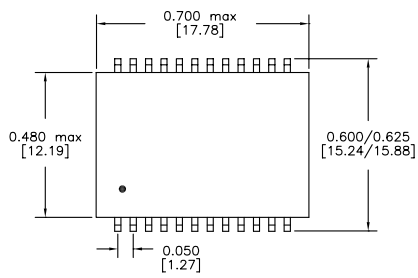


Notes:

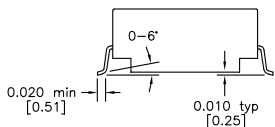
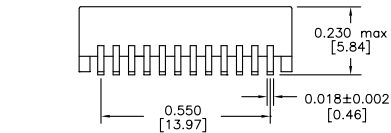
- 1) Please contact the factory or representative for individual data-sheets or additional information.
- 2) For the smallest dual port 10/100BASE-TX PoE/PoE+ transformer contact the factory about the proprietary *GEmini™* series.
- 3) Contact factory for "LF" lead free availability.

HALO Gigabit Family of Ethernet Transformers

NZ Package

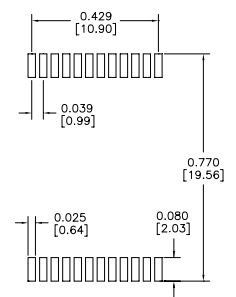
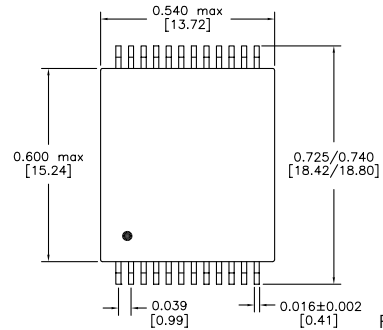


Recommended Solder Pad Layout

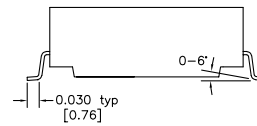
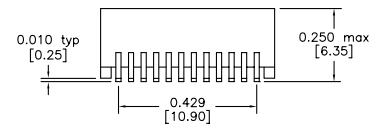


Dimensions: inch [mm]
Co-Planarity: 0.004 [0.10]

NY Package

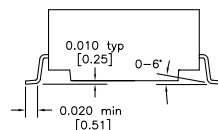
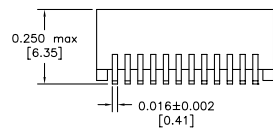
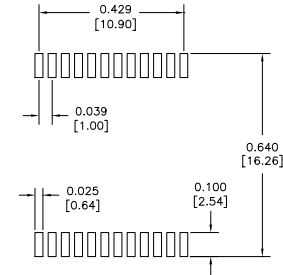
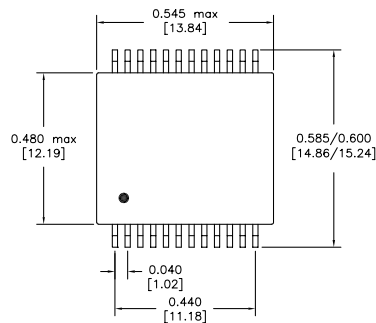


Recommended Solder Pad Layout



Dimensions: inch [mm]

NJ Package



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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