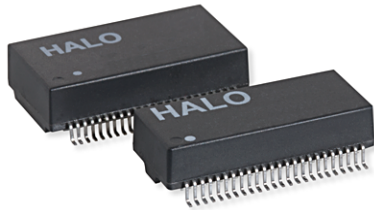


# Dual GigE PoE/PoE+ Transformer

SMD 48 Pin Dual Port Gigabit or Quad Port 10/100BASE-TX PoE/PoE+ Transformer



## Product Features:

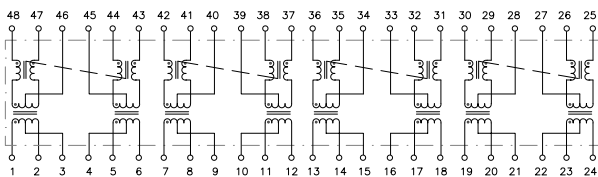
- Gigabit Ethernet PoE/PoE+ Transformer
- IEEE802.3ab/af/at Compliant
- UL/EN60950 Recognized
- 100% Electrical Testing
- 1500Vrms Hi-Pot
- Patented Open Frame Construction

| Part Number      | Circuit | Package | Temp. Range  | PoE  | 1-40MHz | Return Loss (min) 60MHz | 80MHz | 100MHz | Insertion Loss (max) |
|------------------|---------|---------|--------------|------|---------|-------------------------|-------|--------|----------------------|
| TG110-RPE14NVRL  | A       | NV      | -40 to +85°C | PoE  | -18dB   | -14dB                   | -12dB | -10dB  | -1.1dB               |
| TG110-RPE15NVRL  | B       | NV      | -40 to +85°C | PoE  | -18dB   | -14dB                   | -12dB | -10dB  | -1.1dB               |
| TG110-RPE17NV6RL | A       | NV6     | -40 to +85°C | PoE  | -18dB   | -14dB                   | -12dB | -10dB  | -1.1dB               |
| TG111-RPE41NV6RL | C       | NV6     | -40 to +85°C | PoE  | -18dB   | -14dB                   | -12dB | -10dB  | -1.1dB               |
| TG1G-RP33NV6LF   | D       | NV6     | 0 to 70°C    | PoE  | -18dB   | -14dB                   | -12dB | -10dB  | -1.1dB               |
| TG1G-RPE33NV6LF  | D       | NV6     | -40 to +85°C | PoE  | -18dB   | -14dB                   | -12dB | -10dB  | -1.1dB               |
| TG111-HP3NV6LF   | D       | NV6     | 0 to 70°C    | PoE+ | -18dB   | -14dB                   | -12dB | -10dB  | -1.1dB               |

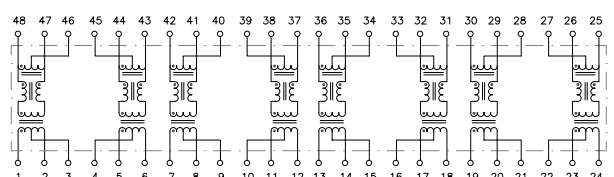
### Notes:

1. Please contact the factory or representative for individual datasheets or additional information.
2. For the smallest dual port Gigabit or quad port 10/100BASE-TX PoE transformers contact the factory about the 50 pin package.
3. Contact factory for "LF" lead free availability.

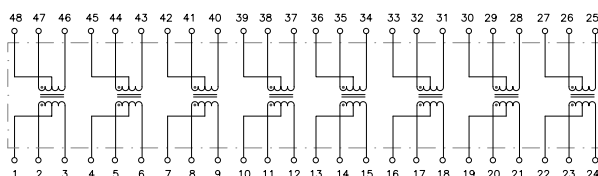
### Circuit A



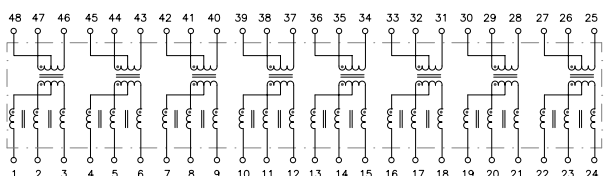
### Circuit B



### Circuit C



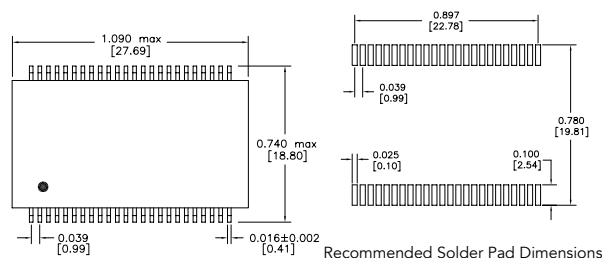
### Circuit D



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

# HALO Dual Port PoE Gigabit Ethernet Transformers

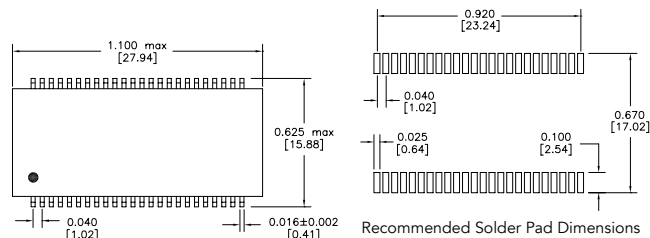
## NV Package



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

## NV6 Package



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

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