

# Low Profile 10/100BASE-TX Transformer



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



## 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) |         |         |          | PRI DCR ( $\Omega$ max) |
|----------------|---------|---------|-------------|-------------------|---------|---------|----------|-------------------------|
|                |         |         |             | 1-30MHz           | 40MHz   | 50MHz   | 60-80MHz |                         |
| 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



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

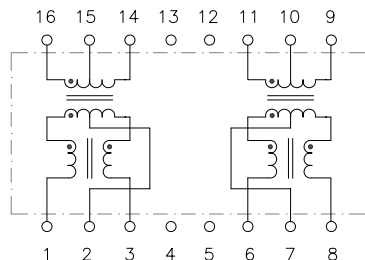
### J2 Package



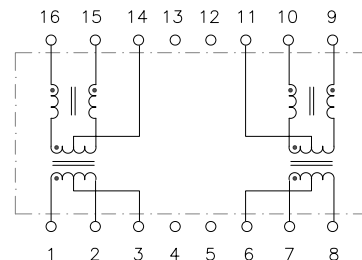
For additional information contact your [local representative](#), or HALO's support staff at (650) 903-3800 or [info@haloelectronics.com](mailto:info@haloelectronics.com)

# HALO Low Profile 10/100BASE-TX Transformer

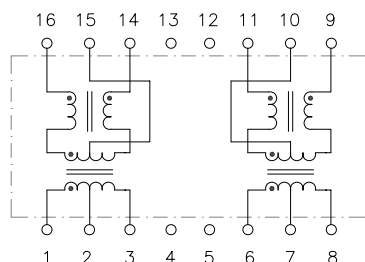
## Circuit A



## Circuit B



## Circuit C



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