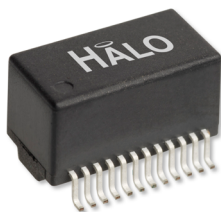


Nano2.5G/5G Ethernet Transformers



Single Port 2.5/5G BASE-T Small Form Factor Isolation Modules



Nano
2.5G

Nano
5G

Product Features:

- 2.5/5GBASE-T Miniature Package
- IEEE802.3bz/af/at/bt
- 4PPoE - 4 Pair Power over Ethernet
- Robust Patented Open Frame Construction
- 1500Vrms Hi-Pot
- UL/EN60950 recognized
- 100% Compliance Testing

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

Part Number	Data Rate	Total Power ¹	Current Per Pair	Temp. Range	Turns Ratio
TG2G-S13NYNLF	2.5G	30W	350mA	0 to +70°C	1CT:1CT
TG2G-E13NYNLF	2.5G	30W	350mA	-40 to +85°C	1CT:1CT
TG2G-HPE3NYNLF	2.5G	60W	600mA	-40 to +85°C	1CT:1CT
TG5G-E11NYNLF ²	5G	30W	350mA	-40 to +85°C	1CT:1CT

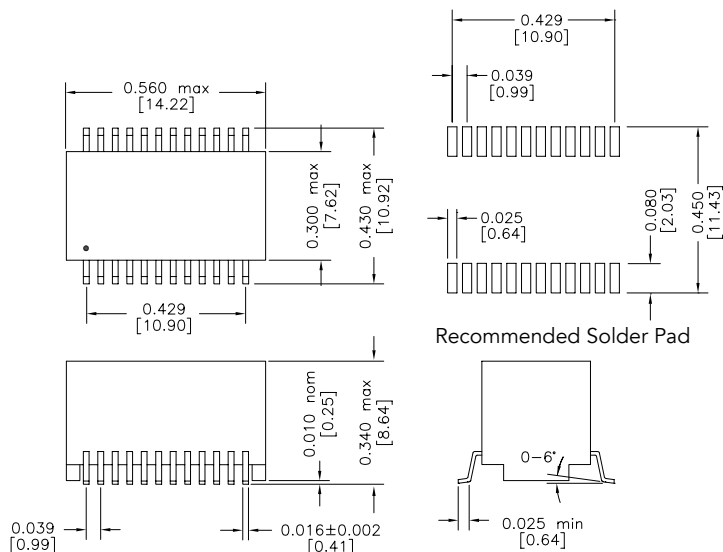
Notes:

¹Power rating reduced to half when using only two pairs for power as in 802.3af/802.3at applications.

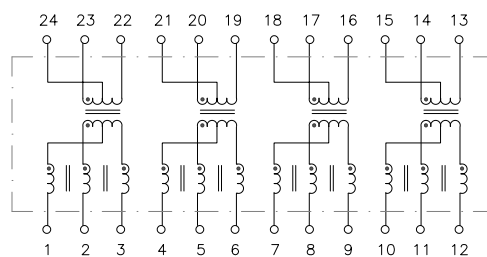
²The TG5G part utilizes a 2-wire choke on the PHY side.

Please contact the factory or representative for individual datasheets or additional information.

Package



Circuit



*Pins 13-24 located on line side

Dimensions: inch [mm]

Co-Planarity: 0.004 [0.10]



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(650) 903-3800
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[B78476A9558A003](#) [1812WBT2-4](#) [1879479-1](#) [HX2260FNL](#) [HX5014FNL](#) [EX2024FNL](#) [FL1066](#) [T1137NLT](#) [T3012NL](#) [PE-65812FNL](#) [PE-65848FNLT](#) [H1174FNL](#) [H1302FNL](#) [H5015FNL](#) [H5019EFNL](#) [H5062FNLT](#) [CX2047LNL](#) [MGPWT-00059-P](#) [MGPWT-00266-P](#) [MGPWT-00278-P](#) [MGPWT-00431-P](#) [TTC-100](#) [TTC-143-H](#) [TTC-5032-1](#) [BX1194WNLT](#) [HX1234NLT](#) [HX5008FNLT](#) [HX5019FNL](#) [HX5084NL](#) [3-1879385-5](#) [TX1263NLT](#) [4-1879391-0](#) [T1142NL](#) [HX6101FNL](#) [HX5084FNL](#) [HX1148NL](#) [HX5020FNLT](#) [HX5014FNLT](#) [T1124NL](#)
[1879732-1](#)