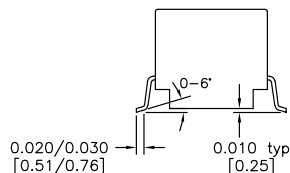
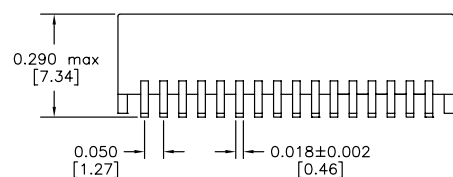
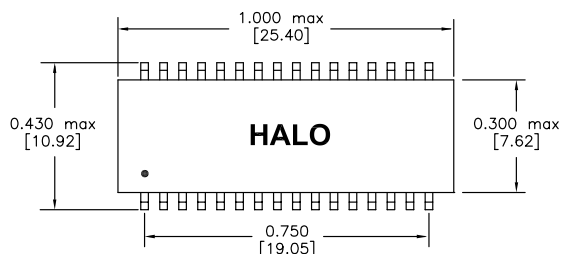


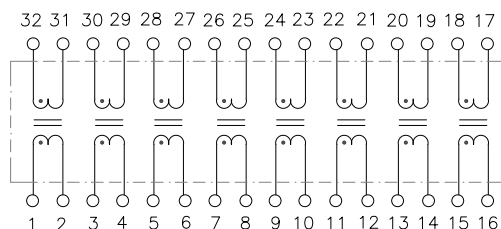
HALO Electronics has developed this proprietary quad port series to meet the isolation and impedance matching requirements for T1, E1, CEPT and PRI ISDN applications. UL60950 and EN60950 recognized. Non-standard designs are also available.



NU Package



Schematic



Patented Construction

US Pat Nbrs: 5,656,985 6,297,721 B1
6,297,720 B1 6,320,489 B1
6,344,785 B1 6,662,431 B1

Electrical Specifications @ 25°C

Isolation Voltage: 1,500 Vrms Cw/w: 35pF Max.
OCL: 1.5mH Typ. DCR (PRI): 0.8Ω Max.
Leakage Inductance: 0.5μH Max. Operating Temp: -40 to +85°C

Part Number	Turns Ratio PRI:SEC	Primary Pins
TG01-1505NURL	1:1	1-2, 3-4, 5-6, 7-8, 9-10, 11-12, 13-14, 15-16
TG05-1505NURL	1:2	1-2, 3-4, 5-6, 7-8, 9-10, 11-12, 13-14, 15-16
TG05-S001NURL	1:2 & 1:2	32-31, 28-27, 24-23, 20-19 & 3-4, 7-8, 11-12, 15-16
TG37-1505NURL	1:1.14	1-2, 3-4, 5-6, 7-8, 9-10, 11-12, 13-14, 15-16
TG37-S001NURL	1:1.14	1-2, 30-29, 5-6, 26-25, 9-10, 22-21, 13-14, 18-17
TG39-1505NURL	1:1.15	1-2, 3-4, 5-6, 7-8, 9-10, 11-12, 13-14, 15-16
TG83-1505NURL	1:1 & 1:2	1-2, 5-6, 9-10, 13-14 & 3-4, 7-8, 11-12, 15-16
TG91-1505NURL	1:2.4 & 1:1	1-2, 7-8, 9-10, 15-16 & 3-4, 5-6, 11-12, 13-14