

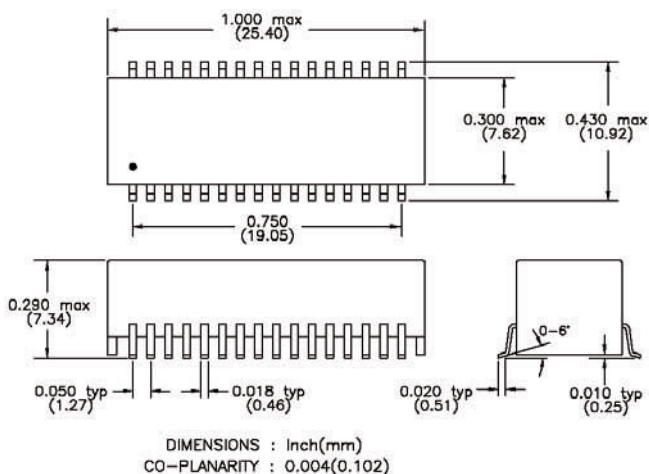


Mini-Octal™ SMD Hi-Density, Quad Port, T1/E1

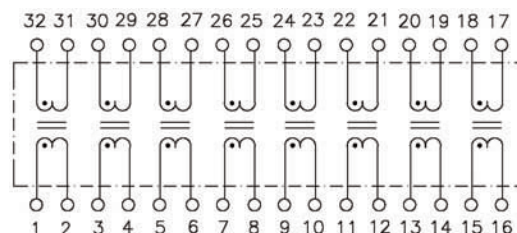


HALO Electronics has developed this proprietary quad port series to meet the isolation and impedance matching requirements for T1, E1, CEPT and PRI ISDN applications. UL1950, IEC950 and EN60950 recognized. Non-standard designs are also available.

NU Package



Schematic



Patented Construction, Pat. No. 5,656,985

Electrical Specifications @ 25°C

Isolation Voltage: 1,500 Vrms
OCL: 1.5mH Typ.
Leakage Inductance: 0.5μH Max.

Cw/w: 35pF Max.
DCR (PRI): 0.8Ω Max.
Operating Temp: -40 to +85°C

Part Number	Turns Ratio PRI:SEC	Primary Pins
TG01-1505NU	1:1	1-2, 3-4, 5-6, 7-8, 9-10, 11-12, 13-14, 15-16
TG05-1505NU	1:2	1-2, 3-4, 5-6, 7-8, 9-10, 11-12, 13-14, 15-16
TG05-S001NU	1:2 & 1:2	32-31, 28-27, 24-23, 20-19 & 3-4, 7-8, 11-12, 15-16
TG37-1505NU	1:1.14	1-2, 3-4, 5-6, 7-8, 9-10, 11-12, 13-14, 15-16
TG37-S001NU	1:1.14	1-2, 30-29, 5-6, 26-25, 9-10, 22-21, 13-14, 18-17
TG39-1505NU	1:1.15	1-2, 3-4, 5-6, 7-8, 9-10, 11-12, 13-14, 15-16
TG83-1505NU	1:1 & 1:2	1-2, 5-6, 9-10, 13-14 & 3-4, 7-8, 11-12, 15-16
TG91-1505NU	1:2.4 & 1:1	1-2, 7-8, 9-10, 15-16 & 3-4, 5-6, 11-12, 13-14

08/02