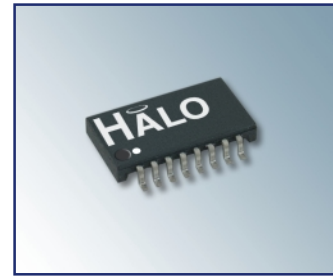


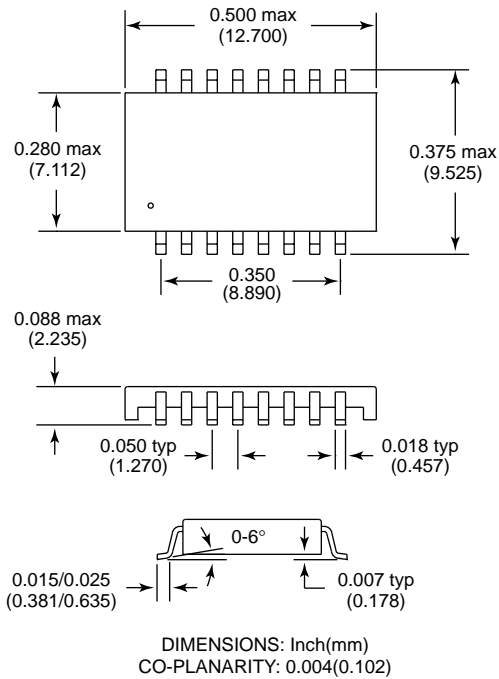
HALO PCMCIA 10BASE-T Isolation Modules

HALO ELECTRONICS, INC.

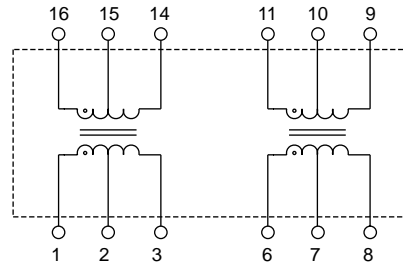
HALO Electronics has developed this standard series of 16 Pin PCMCIA Isolation Modules to meet the isolation and impedance matching requirements of IEEE 802.3 for 10BASE-T. To select the correct isolation module, please refer to the HALO 10BASE-T Selector Guide.



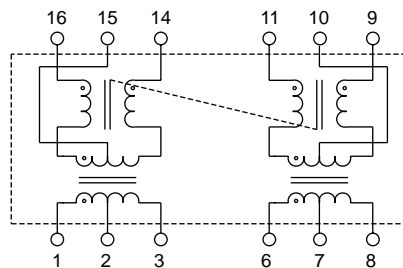
PCMCIA Package



Schematic A



Schematic B



Electrical Specifications @ 25°C

Isolation: 1,500 Vrms
Insulation Resistance: 10,000 MΩ

Patented Construction

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

Part Number	Turns Ratio $\pm 3\%$ (1-3:16-14) / (6-8:11-9)	PRI OCL (μH)	PRI/SEC Cw/w (pF max)	PRI LL (μH max)	PRI DCR (Ω max)	Schematic
TG04-1006P1	(1CT:1CT) / (1CT:1CT)	100 Typ	9	0.3	0.50	A
TG04-2006P1	(1CT:1CT) / (1CT:1CT)	200 Typ	15	0.4	0.65	A
TG41-2006P	(1CT:1CT) / 1CT:2.5CT)	200/35 Min	15	0.4	0.80	B
TG42-1406P1	(1CT:1CT) / (1CT: $\sqrt{2}$ CT)	140 Typ	15	0.4	0.65	A
TG43-1406P	(1CT:1CT) / (1CT: $\sqrt{2}$ CT)	140 Typ	15	0.4	0.65	B
TG62-1006P1	(2CT:1CT) / (1CT:1CT)	150 Min	10	0.6	0.70	A
TG66-1006P	(2CT:1CT) / (1CT:1CT)	150 Min	10	0.9	0.70	B
TG74-1406P1	(1CT:1CT) / (1CT:2CT)	140/25 Typ	15	0.4	0.65	A
TG75-1406P	(1CT:1CT) / (1CT:2CT)	140/25 Typ	15	0.4	0.65	B
TG81-1006P	(1CT:1CT) / (1CT:1CT)	100 Typ	9	0.3	0.50	B
TG84-2006P1	(1CT:2CT) / (1CT:1CT)	50/200 Min	12	0.3	0.90	A
TG86-2006P	(1CT:2CT) / (1CT:1CT)	50/200 Min	12	0.3	0.90	B
TG92-2006P1	(1CT:1CT) / 1CT:2.5CT)	200/35 Min	15	0.4	0.80	A