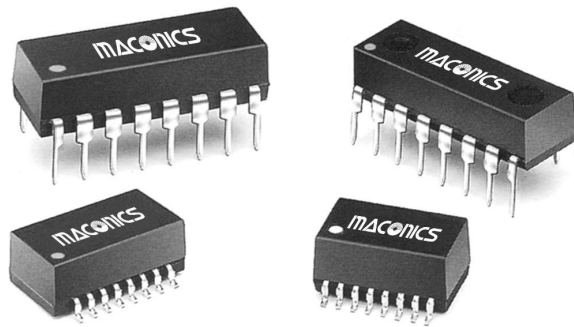


ISOLATION TRANSFORMERS FOR 10BASE-T



For Adapter Cards, MAUs, Hubs,
and Motherboards

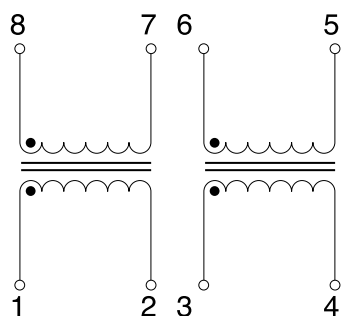


Electrical Specifications @ 25°C — Operating Temperature 0°C to 70°C

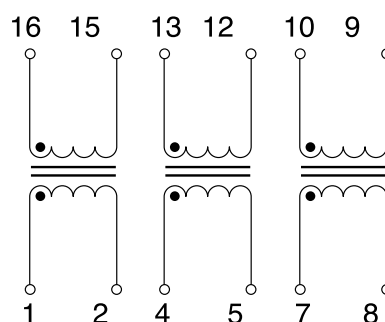
Part Number	Turns Ratio (±5%)		Primary Pins	Common Mode Choke	Sine Wave Inductance OCL (μH MIN)	Interwinding Capacitance C _{ww} (pF MAX)	Leakage Inductance L _L (μH MAX)	DCR (Ω MAX)	Hi-Pot (Vrms)	Schem.	Mech.
	Transmit	Receive									
Surface Mount											
ET6128	1CT:1CT	1CT:1CT	1-3/6-8	X	200	10	0.25	1.0	1500	A6	SMT4
MR-76837	1CT:1CT	1CT:1CT	1-3/6-8		200	10	0.2	0.3	2000	A4	SMT4
34A225SM	1CT:1CT	1CT:1CT	1-3/6-8		200	12	0.3	0.3	2000	A4	SMT5
MR-79159	1CT: √2CT	1CT:1CT	6-8/1-3	X	110	15	0.4	1.0	1500	A5	SMT4
MR-76856	1CT: √2CT	1CT:1CT	6-8/1-3		140	12	0.2	0.3	2000	A4	SMT4
34A239SM	1CT: √2CT	1CT:1CT	6-8/1-3		200	15	0.5	0.4	2000	A4	SMT5
34A467SM	1CT: √2CT	1CT:1CT	6-8/1-3	X	200	12	0.5	0.6	2000	A7	SMT5
34A546SM	2CT:1CT	1CT:1CT	1-3/6-8		100	10	0.4	0.5	2000	A4	SMT5
MR-79163	2CT:1CT	1CT:1CT	1-3/6-8	X	140	12	0.3	1.0	1500	A6	SMT4
ET5112	1CT:2CT	1CT:1CT	6-8/1-3	X	112	8	0.3	0.8	1500	A5	SMT4
MR-79152	1CT:2CT	1CT:1CT	6-8/1-3		112	8	0.3	0.5	1500	A4	SMT4
34A578SM	1CT:2CT	1CT:1CT	6-8/1-3	X	140	12	0.1	0.6	2000	A7	SMT5
MR-79134	1CT:2CT	1CT:1CT	1-3/6-8	X	200	12	0.3	1.0	1500	A6	SMT4
MR-79153	2 √2CT:1	1:1	2-4/7-9	200		14	1	0.5	1500	A9	SMT1
MR-79921	—	1:1 (4X)	1-2/3-4		140	12	0.2	0.4	2000	A3	SMT4
MR-79931	1: √2 (4X)	—	1-2/3-4 5-6/7-8		140	12	0.2	0.4	2000	A3	SMT4
THROUGH HOLE											
34A546	2CT:1CT	1CT:1CT	1-3/6-8		80	10	0.4	0.5	2000	T4	TH3
34A239	1CT: √2CT	1CT:1CT	6-8/1-3		140	15	0.5	0.4	2000	T4	TH3
MR-76374	1CT:1CT	1CT:1CT	1-3/6-8		200	15	0.25	0.3	2000	T4	TH4

Schematics

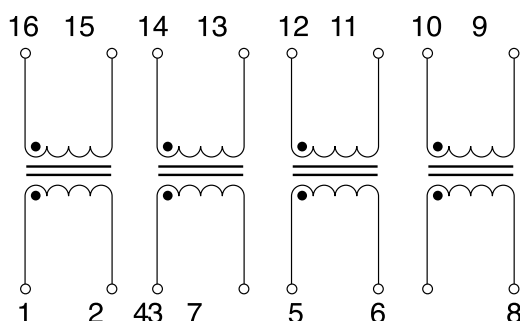
A 1



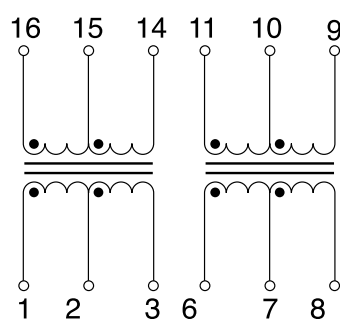
A 2



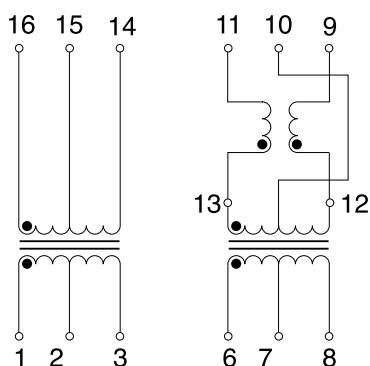
A 3



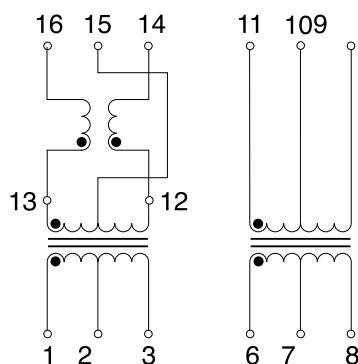
A 4



A 5

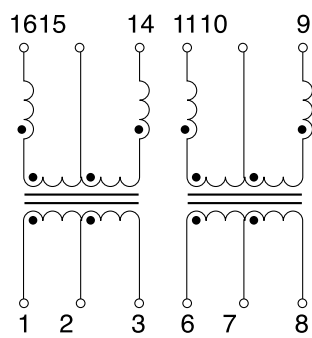


A 6

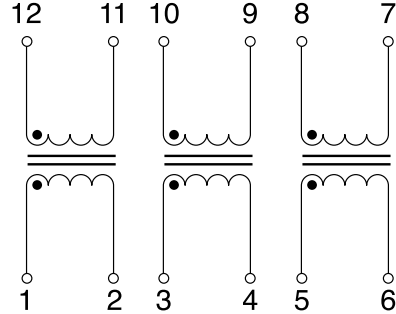


Schematics

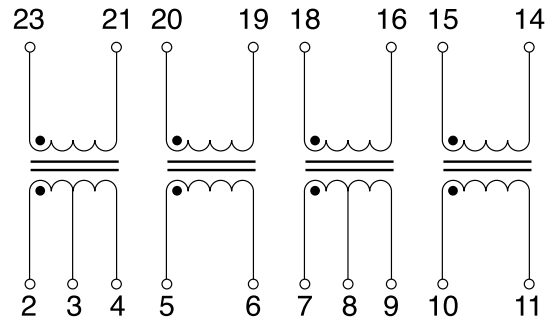
A7



A8

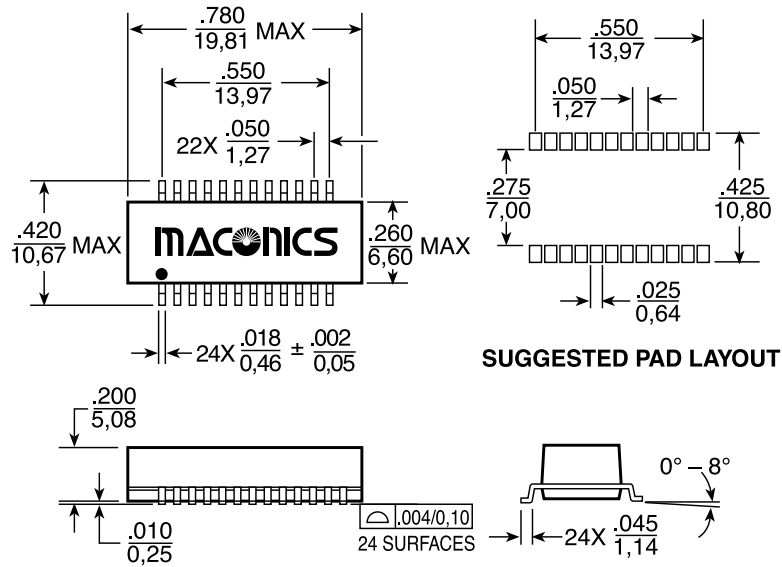


A9

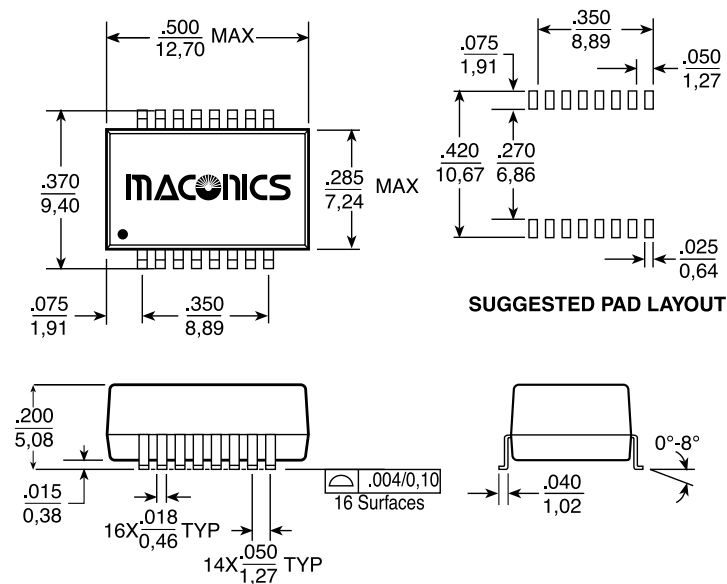


Surface Mount Mechanicals

SMT1

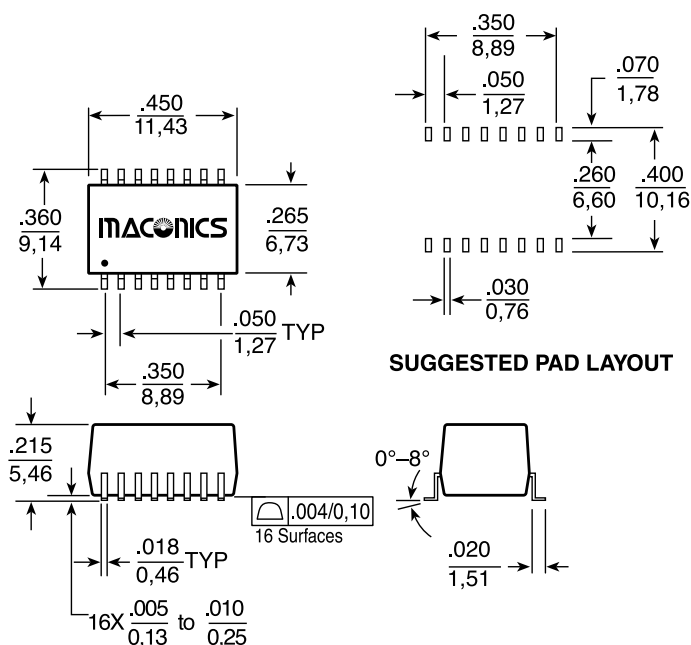


SMT4

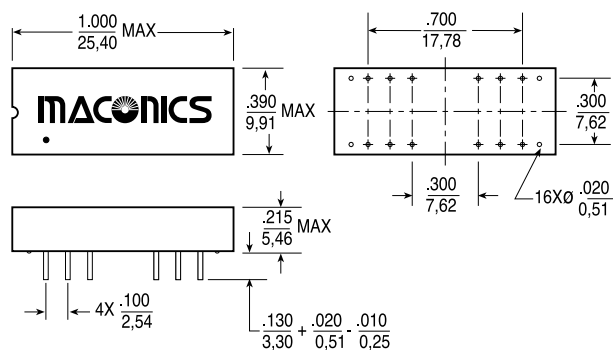


Surface Mount Mechanicals (continued)

SMT5

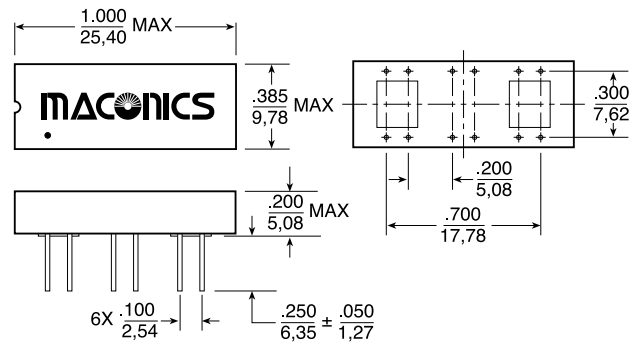


TH1

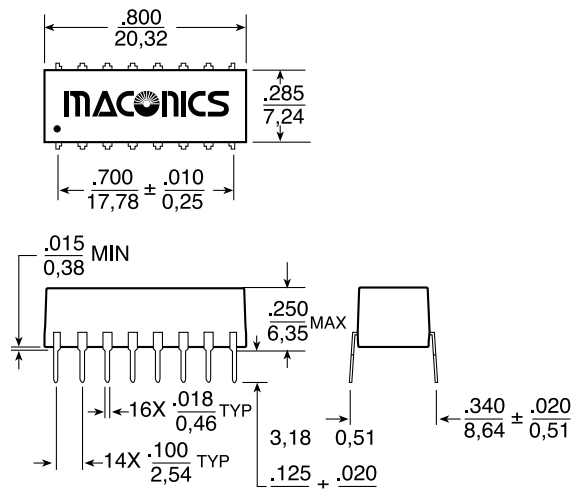


Through Hole Mechanicals

TH2



TH3



TH4

