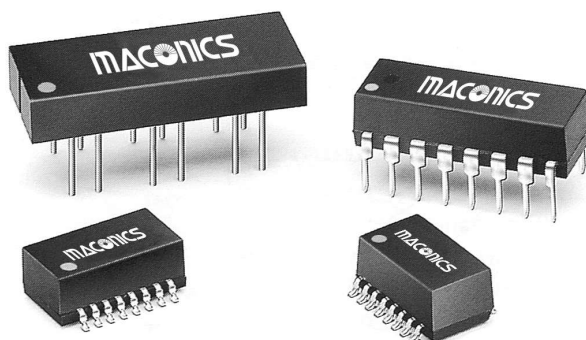


ISOLATION TRANSFORMERS FOR ETHERNET

AUI Transformers

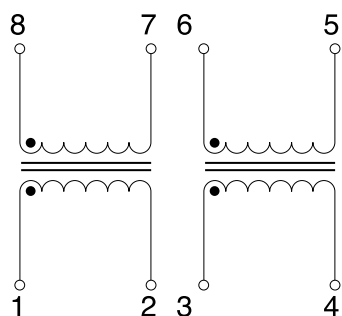


Electrical Specifications @ 25°C — Operating Temperature 0°C to 70°C

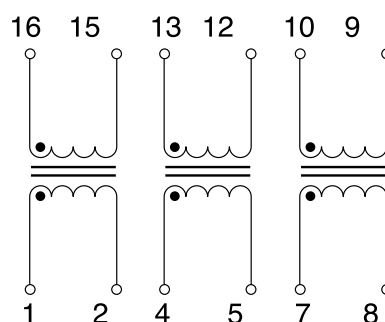
Part Number	Turns Ratio (±5%)	Primary Pins	Primary Sine Wave OCL (μH ±20%)	Primary ET-Constant (V-μs MIN)	Rise Time (ns MAX)	Interwinding Capacitance C _{ww} (pF MAX)	Leakage Inductance L _L (μH MAX)	DCR (Ω MAX)	Schem.	Mech.	Hipot (Vrms)
SURFACE MOUNT											
ET7113	1:1	1-2/4-5/7-8	40 (MIN)	2.1	3.0	8	0.20	0.25	A2	SMT4	2000
MR-76834	1:1	1-2/4-5/7-8	75	1.8	3.0	8	0.20	0.30	A2	SMT4	2000
34A01SM	1:1	1-2/4-5/7-8	75	2.4	3.0	10	0.20	0.20	A2	SMT5	2000
MR-76839	1:1	1-2/4-5/7-8	100	1.8	3.0	9	0.20	0.30	A2	SMT4	2000
34A02SM	1:1	1-2/4-5/7-8	100	2.4	3.0	10	0.20	0.30	A2	SMT5	2000
MR-76838	1:1	1-2/4-5/7-8	150	1.2	3.0	12	0.20	0.30	A2	SMT4	2000
MR-76844	1:1	1-2/4-5/7-8	350	2.6	3.5	16	0.30	0.35	A2	SMT4	2000
34A219SM	1:1	1-2/4-5/7-8	350	2.5	3.5	16	0.30	0.35	A2	SMT5	2000
THROUGH HOLE											
MR-75213	1:1	1-2/4-5/7-8	75	2.1	3.0	10	0.20	0.20	A2	TH4	500
MR-75218	1:1	1-2/4-5/7-8	75	2.4	3.5	10	0.25	0.30	A2	TH2	2000
MR-75613	1:1	1-2/4-5/7-8	75	2.1	3.0	10	0.20	0.20	A2	TH4	2000
MR-75214	1:1	1-2/4-5/7-8	100	2.1	3.0	10	0.20	0.30	A2	TH4	500
MR-75219	1:1	1-2/4-5/7-8	100	2.1	3.5	10	0.25	0.40	A2	TH2	2000
MR-75614	1:1	1-2/4-5/7-8	100	2.1	3.0	10	0.20	0.30	A2	TH4	2000
MR-75215	1:1	1-2/4-5/7-8	150	2.1	3.5	12	0.20	0.30	A2	TH4	500
MR-75210	1:1	1-2/4-5/7-8	150	3.0	3.0	15	0.20	0.45	A2	TH2	2000

Schematics

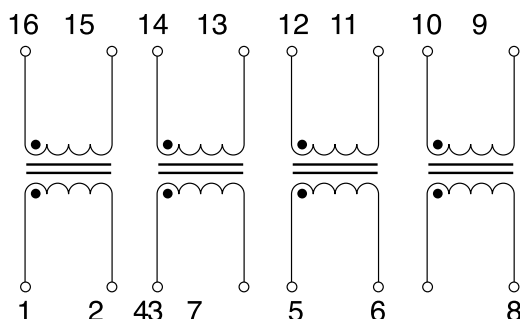
A 1



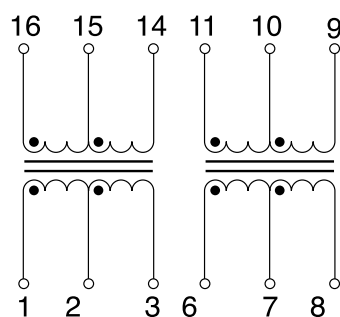
A 2



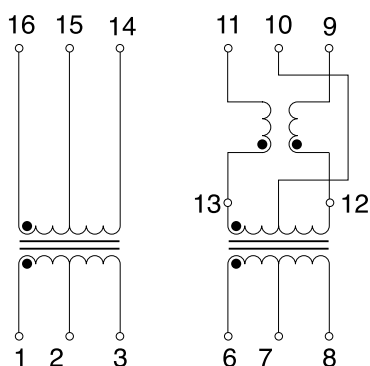
A 3



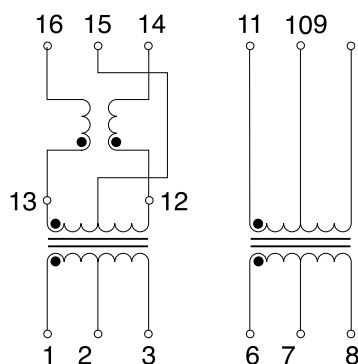
A 4



A 5

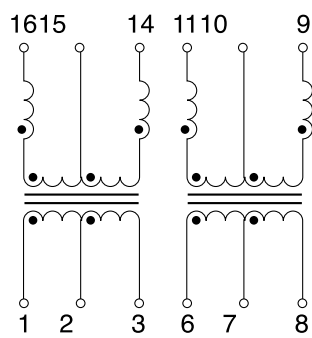


A 6

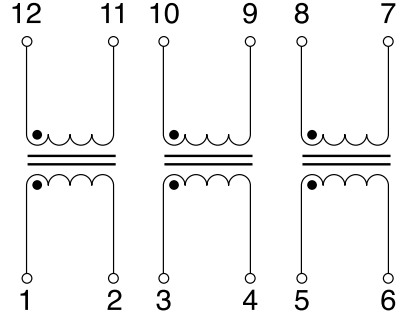


Schematics

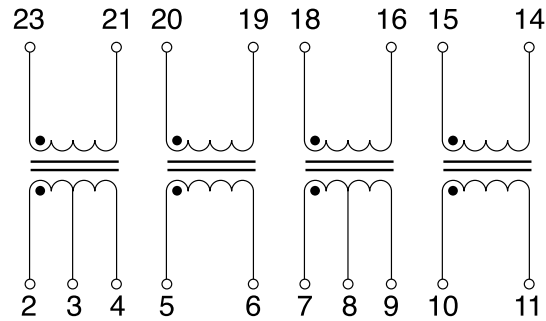
A7



A8

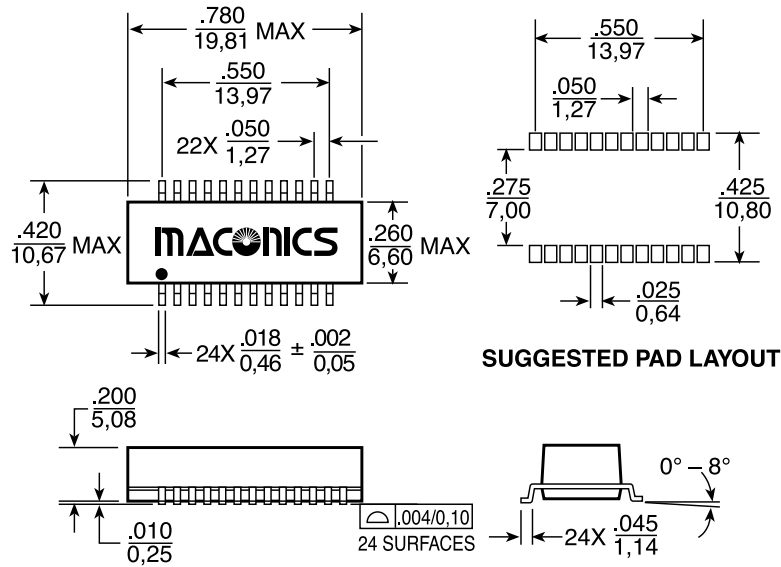


A9

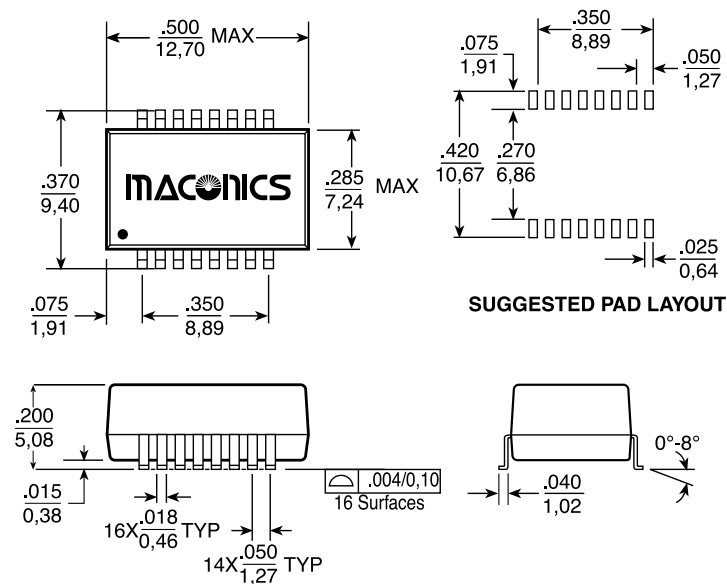


Surface Mount Mechanicals

SMT1

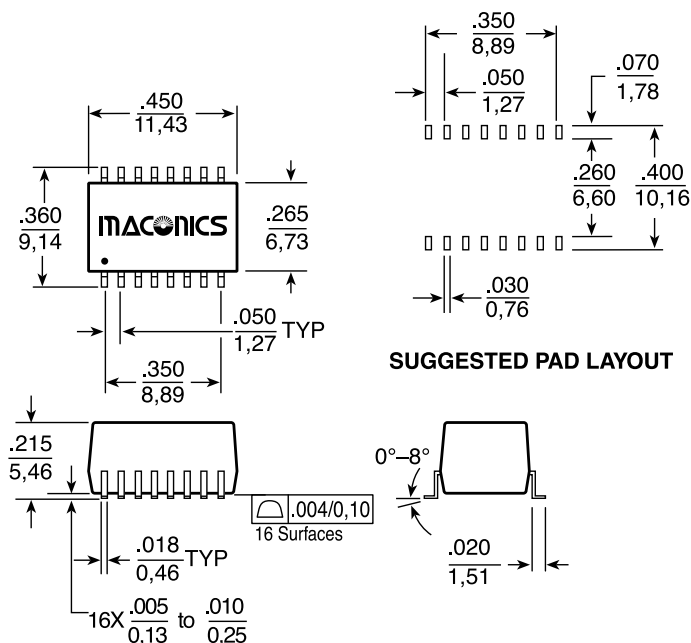


SMT4

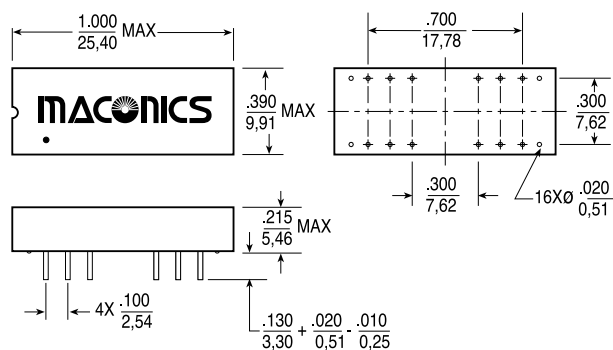


Surface Mount Mechanicals (continued)

SMT5

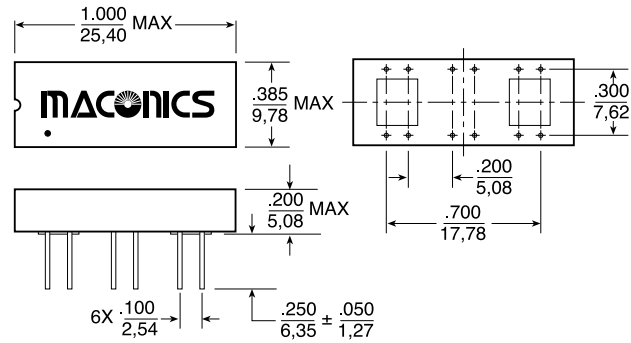


TH1

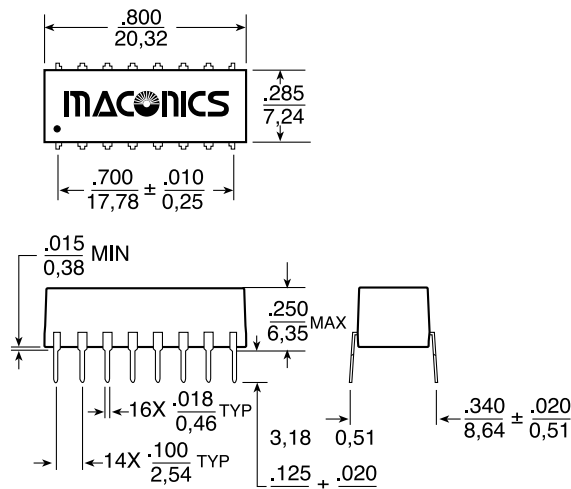


Through Hole Mechanicals

TH2



TH3



TH4

