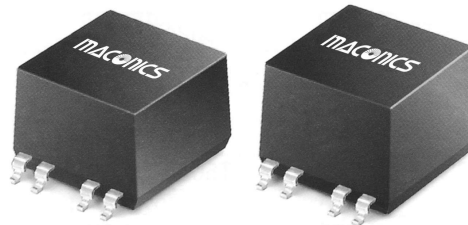


ISDN S-INTERFACE TRANSFORMERS

Surface Mount, Single, 1.5 and 3 KVRms

MACONICS
MAGNETICS SOLUTION FOR 3C



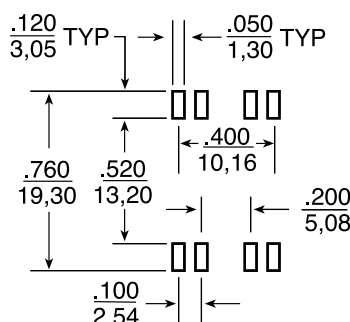
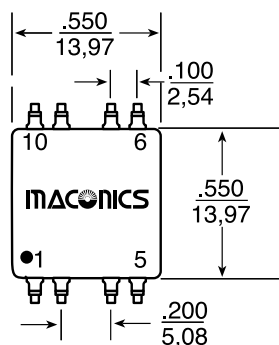
Electrical Specifications @ 25°C — Operating Temperature 0°C to 70°C

Part Number	Ratio Pri:Sec (± 2%)	OCL Pri (mH MIN)	L _L Sec (μH MAX)	C _{w/w} (pF MAX)	C _D Pri (pF MAX)	DCR Pri (Ω MAX)	DCR Sec (Ω MAX)	D _{lbc} (mA MAX)	Isolation Voltage (V _{rms} MIN)	Primary Pins	Package / Schematic
TM6131	1:2	22	5	120	180	2.5	5.2	3	1500	1-10, 5-6	A1/Y
TM6132	1:1	22	5	120	180	2.5	2.5	3	1500	1-10, 5-6	A1/Z
TM6133	1:2.5	22	10	150	180	2.5	6	3	1500	1-10, 5-6	A1/Z
TM6134	1:2	22	5	120	180	2.5	5	3	1500	1-10, 5-6	A1/Z
TM6144	1:2	22	15	120	180	1.3	3.0	3	1500	6-7, 9-10	A1/X
TM6135	1:2	22	15	45	100	1.3	3.0	3	3000	6-7, 9-10	A2/X
TM6136	1:1	22	15	45	100	1.3	1.3	3	3000	6-7, 9-10	A2/X
TM6137	1:2.5	22	15	45	100	1.3	3.5	3	3000	6-7, 9-10	A2/X
TM6147	1:2	22	15	45	100	1.3	3.0	5	3000	6-7, 9-10	A2/X

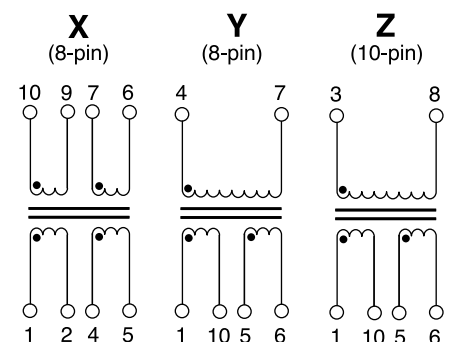
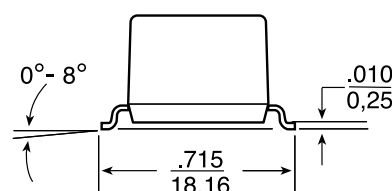
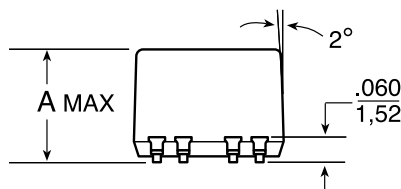
Mechanical

Schematic

A



SUGGESTED PAD LAYOUT



Package Type	Package Height (A MAX)
A 1	.394/10,00 MAX
A 2	.429/10,88 MAX