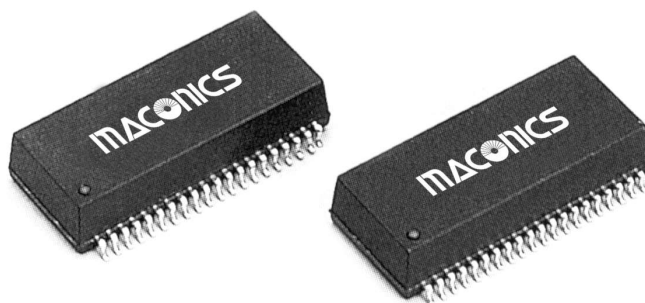


T1/CEPT(E1)/ISDN-PRI TRANSFORMERS

Eight Transformers for Quad T1/E1 Ports

MACONICS
MAGNETICS SOLUTION FOR 3C

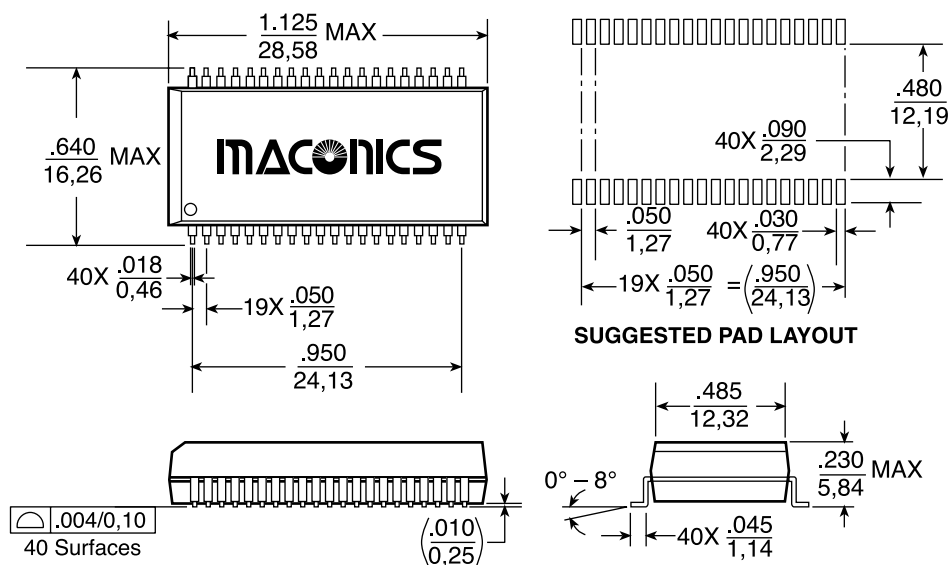


Electrical Specifications @ 25°C

Part Number	Turns Ratio (Pri:Sec ±2%)		OCL @ 25°C (mH MIN)		L _L (μH MAX)		C _{WW} (pF MAX)		Package/ Schematic	Primary Pins	
	Transmit	Receive	Trans.	Rec.	Trans.	Rec.	Trans.	Rec.		Transmit	Receive
TM2174	1:1.36	1:1.36CT	1.2	1.2	.4	.5	20	20	BG/1	1-2, 6-7, 11-12, 16-17	38-36, 33-31, 28-26, 23-21
TM2175	1:1.14	1:1.14CT	1.2	1.2	.6	.6	35	35	BG/1	1-2, 6-7, 11-12, 16-17	38-36, 33-31, 28-26, 23-21
TM2176	1:2CT	1:2CT	1.2	1.2	.6	.6	35	35	BG/3	4-5, 9-10, 14-15, 19-20	24-25, 29-30, 34-35, 39-40
TM2177	1:2	1:2CT	1.2	1.2	.6	.6	35	35	BG/4	1-2, 9-10, 11-12, 19-20	23-25, 26-28, 33-35, 36-38
TM2178	1:1.36CT	1:2CT	1.2	1.2	.6	.6	35	35	BG/3	24-25, 29-30, 34-35, 39-40	4-5, 9-10, 14-15, 19-20
TM2179	1:2CT	1:1CT	1.2	1.2	.6	.6	35	35	BG/2	1-2, 6-7, 11-12, 16-17	21-22, 26-27, 31-32, 36-37
TM2170	1CT:1.41	1CT:1.41	1.2	1.2	.6	.6	35	35	BG/3	1-3, 6-8, 11-13, 16-18	21-23, 26-28, 31-33, 36-38
TM2181	1:1.15	1:2CT	1.2	1.2	.6	.6	35	35	BG/1	1-2, 6-7, 11-12, 16-17	21-23, 26-28, 31-33, 36-38
TM2182	1:1/1.26	1:2CT	1.2	1.2	.6	.6	35	35	BG/2	1-2, 6-7, 11-12, 16-17	21-22, 26-27, 31-32, 36-37
TM2183	1:1.15	1:1.15	1.2	1.2	.6	.6	35	35	BG/5	1-3, 6-8, 11-13, 16-18	4-5, 9-10, 14-15, 19-20
TM2184	1:2	1:2	1.2	1.2	.6	.6	35	35	BG/5	1-3, 6-8, 11-13, 16-18	4-5, 9-10, 14-15, 19-20
TM2235	1:2CT	1CT:2	1.2	1.2	.6	.6	35	35	BG/3	4-5, 9-10, 14-15, 19-20	1-3, 6-8, 11-13, 16-18
TM2253	1:2.4	1:1	1.0	1.0	.5	.5	35	35	BG/6	1-2, 8-9, 11-12, 18-19	24-25, 27-28, 34-35, 37-38

Mechanical

BG



T1/CEPT(E1)/ISDN-PRI TRANSFORMERS

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Schematic

