

E1/T1/PRI/CEPT Single Transformers

Features

- industry standard through-hole footprints
- 1500 Vrms minimum isolation voltage
- wide range compatible with all common transceiver IC's
- controlled parameters ensure full compliance with ITU.T G.703 when matched with recommended IC
- ideal for all 1.544 and 2.048 Mbs interface applications
- manufactured in ISO-9001 approved TALEMA facility
- operating temperature 0° to 70°C standard
-40° to 85°C for extended temperature types.

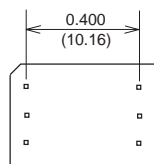
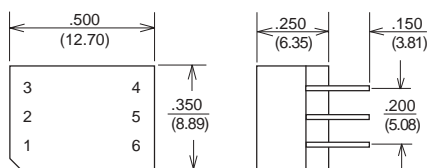


Electrical Specifications @ 25°C

Turns Ratio: **Bold** = IC side windings

IS2M Series Transformers							
Part Number	Turns Ratio ±5%	OCL (mH Min.)	L _L (μH Max.)	DCR Pri (Ohms)	DCR Sec (Ohms)	V _P (Vrms)	Schematic
IS2M-6	1ct: 2ct	1.2	0.5	0.7	.	1500	A
IS2M-7	1:2ct	1.2	0.5	0.7	1.2	1500	B
IS2M-8	1: 1.15ct	1.5	0.6	0.7	0.9	1500	B
IS2M-10	1: 1.36ct	1.2	0.8	0.5	0.8	1500	C
IS2M-11	1:2.3ct	1.2	0.8	0.7	1.4	1500	C
IS2M-12	1:1/1.26	1.5	0.5	0.7	0.9	1500	B
IS2M-15	1ct: 1	1.2	0.5	0.7	0.7	1500	D
IS2M-16	1:1.5ct	1.2	0.6	0.7	1.0	1500	B
IS2M-17	1:1.53	1.2	0.8	0.5	1.0	1500	F
IS2M-18	1:1.185	1.2	0.5	0.7	0.8	1500	F
Extended temperature types							
IS2M-19	1ct: 2ct	1.2	1.0	1.0	2.0	1500	E
IS2M-20	1ct: 1ct	1.2	1.0	1.0	1.0	1500	A
IS2M-21	1: 1.15ct	1.5	1.0	1.0	1.0	1500	B
IS2M-23	1: 1.14ct	1.2	1.0	0.7	0.8	1500	C

IS2M Series



Note: Unused pins not provided

Dimensions: Inches (Millimeters)
Tolerance: ±0.010 (0.25) unless specified otherwise

Schematic

