

E1/T1/PRI/CEPT Dual Transformer Modules

Features

- SMD design ideal for pick and place compatibility while providing unrivaled coplanarity
- controlled parameters ensure full compliance with ITU-T G.703 when matched with recommended IC
- 1500 Vrms minimum isolation voltage
- ideal for all 1.544 and 2.048 Mbs interface applications
- manufactured in ISO-9001 approved Talema facility
- extended operating temperature -40° to 85°C for all types



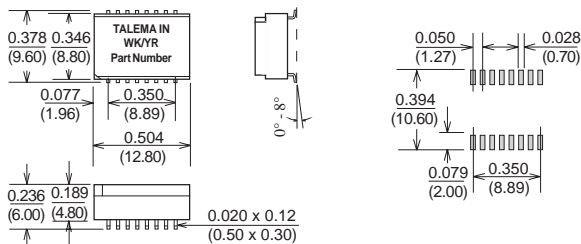
Electrical Specifications @ 25°C

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

MJM Series - Dual Transformers

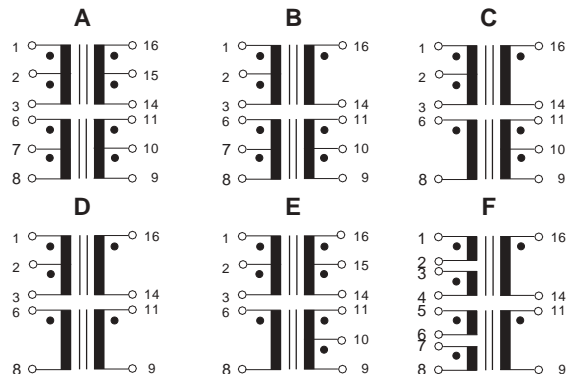
Part Number	Transformer - I						Transformer - II						Schematic
	Turns Ratio +/-5%	L _p (mH Min)	R _{CU} (Ohms)		Pri. Pins	Sec. Pins	Turns Ratio +/-5%	L _p (mH Min)	R _{CU} (Ohms)		Pri. Pins	Sec. Pins	
			Pri.	Sec.					Pri.	Sec.			
MJM-010	1ct: 1.41ct	1.2	0.41	0.58	16-15-14	1-2-3	1ct: 1.41ct	1.2	0.41	0.58	11-10-9	6-7-8	A
MJM-013	1ct: 1.15ct	1.2	0.39	0.44	1-2-3	16-15-14	1ct: 1.15ct	1.2	0.39	0.44	6-7-8	11-10-9	A
MJM-016	1ct: 2ct	1.2	0.39	0.77	6-7-8	11-10-9	1ct: 2.3ct	1.2	0.39	0.88	16-15-14	1-2-3	A
MJM-017	1ct: 2ct	1.2	0.39	0.77	16-15-14	1-2-3	1ct: 2ct	1.2	0.39	0.77	6-7-8	11-10-9	A
MJM-018	1ct: 1ct	1.2	0.39	0.38	16-15-14	1-2-3	1ct: 2ct	1.2	0.39	0.77	6-7-8	11-10-9	A
MJM-019	1:1.15ct	1.2	0.39	0.44	16--14	1-2-3	1ct: 2ct	1.2	0.39	0.77	6-7-8	11-10-9	B
MJM-021	1ct: 1.41ct	1.2	0.41	0.58	1-2-3	16-15-14	1ct: 1.41ct	1.2	0.41	0.58	11-10-9	6-7-8	A
MJM-022	1ct: 1ct	1.0	0.39	0.39	11-10-9	6-7-8	1ct: 2.4ct	1.0	0.41	0.90	1-2-3	16-15-14	A
MJM-023	1:1ct	1.2	0.39	0.39	16-14	1-2-3	1:1ct	1.2	0.39	0.39	6-8	11-10-9	C
MJM-025	1:1/1.26	1.2	0.39	0.48	16-14	1-2-3	1ct: 2ct	1.2	0.39	0.77	6-7-8	11-10-9	B
MJM-026	1ct: 1ct	1.2	0.39	0.39	16-15-14	1-2-3	1ct: 1.5ct	1.2	0.39	0.58	6-7-8	11-10-9	A
MJM-027	1:2ct	1.6	0.41	0.83	16-14	1-2-3	2:1	1.6	0.41	0.21	6-8	11-9	D
MJM-028	1ct: 2ct	1.2	0.39	0.77	16-15-14	1-2-3	1:1.36ct	1.2	0.39	0.52	6-8	11-10-9	E
MJM-029	1:2.42ct	1.2	0.39	0.94	16-14	1-2-3	1:2.42ct	1.2	0.39	0.94	6-8	11-10-9	C
MJM-030	2:1:1	1.2	0.46	0.26	16-14	1-2, 3-4	2:1:1	1.2	0.46	0.26	11-9	5-6, 7-8	F
MJM-032	1:2.42	1.2	0.39	0.94	16-14	1-2-3	1:1ct	1.2	0.39	0.39	6-8	11-10-9	C

Package



Surface Coplanarity will be 0.004(0.10) maximum
 Dimensions: Inches (Millimeters)
 Tolerance: ±0.010 (0.25) unless specified otherwise

Schematic



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