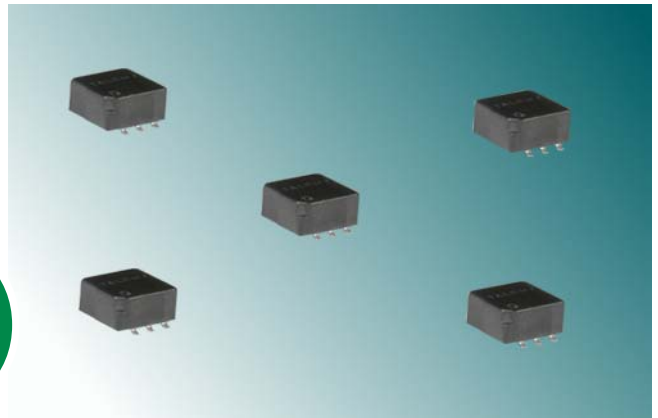




## MJE Series • T1/E1/CEPT/ISDN-PRI SMD Transformers

### Features

- low cost SMD for pick and place compatibility while providing consistent and reliable coplanarity
- low leakage inductance
- manufactured in an ISO-9001:2000, TS-16949:2002 and ISO-14001:2004 certified Talema facility
- fully RoHS compliant and meets lead free reflow level J-STD-020C



### Electrical Specifications

Ratings @ 25°C ambient

Minimum isolation voltage: 1500 Vrms

Extended Operating Temperature Range: -40° to +85°C

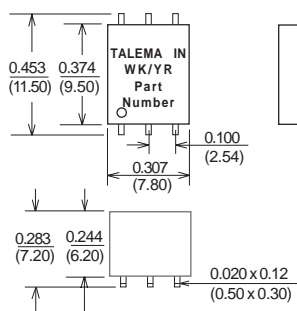
### Electrical Specifications @ 25°C

#### MJE Series • T1/E1/CEPT/ISDN-PRI SMD Transformers

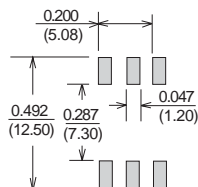
Extended Operating Temperature Range -40°C to +85°C

Part Number	OCL Primary (mH Min)	Turns Ratio Pri/Sec ±2%	C <sub>WW</sub> Pri/Sec (pF Max)	L <sub>L</sub> (μH Max)	DCR (Ohms)		V <sub>P</sub> (Vrms)	Primary Pins	Schematic
					Pri.	Sec.			
MJE-10A	1.2	1ct:1.36ct	30	0.200	0.80	1.10	1500	1-3	A
MJE-12B	1.2	1:1/1.26	35	0.250	0.80	1.00	1500	1-3	B
MJE-20A	1.2	1ct:1ct	35	0.200	0.90	0.90	1500	1-3	A

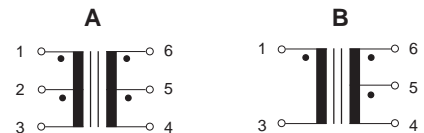
### MJE



### Suggested Pad Layout



### Schematic



Surface coplanarity will be 0.004 (0.01) maximum

Dimensions: Inches (Millimeters)

Tolerance: ±0.010 (0.25) unless specified otherwise

## Sales & Marketing, Design and Manufacturing Facilities

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