

FEATURES

- High Voltage Ratings
- Smaller Package Sizes
- Low Cost
- Wraparound Terminals

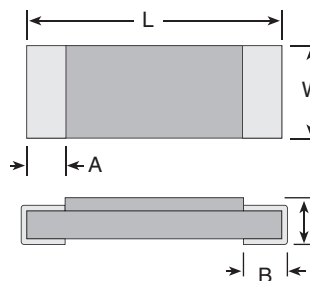
SPECIFICATIONS

Material
Substrate: Alumina
Resistor: Thick Film

Electrical
Tolerance: 1-10%
Derating: Linearly from 100% at 70°C to 0% at 125°C

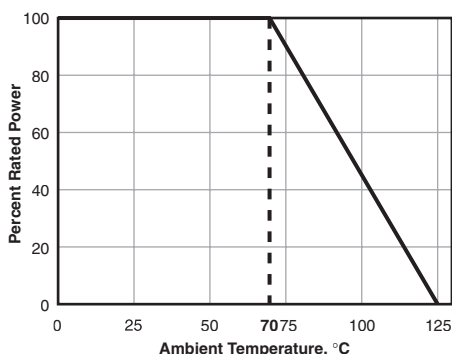
Mini Macro Chip

**Thick Film
 High Voltage
 SMD Chip Resistors**



Series	Resistance Range	Power Rating (W)	Voltage Isolation			Dimensions (mm)				
			Rating	Voltage	TCR	L	W	t	A	B
MMC06	470-10MΩ	0.1	200	100	±100	1.6 ±0.1	0.8 ±0.15	0.45 ±0.1	0.3 ±0.1	0.3 ±0.1
MMC08	100-10MΩ ±1% & ±2% 100-51MΩ ±5% & ±10%	0.125	300	500	±100	2.0 ±0.1	1.25 ±0.10	0.55 ±0.1	0.4 ±0.2	0.4 ±0.2
MMC12	100-10MΩ ±1% & ±2% 100-51MΩ ±5% & ±10%	0.25	400	500	±100	3.2 ±0.1	1.6 ±0.15	0.55 ±0.1	0.5 ±0.25	0.5 ±0.25
MMC25	560-20MΩ ±1% & ±2% 560-51MΩ ±5% & ±10%	1.0	800	500	±100	6.3 ±0.1	3.2 ±0.15	0.55 ±0.1	0.6 ±0.2	0.6 ±0.2

DERATING



ORDERING INFORMATION

E = RoHS compliant
 Available Jan. 2006

MMC12J4704TPE

Type MMC06 MMC08 MMC12 MMC25	Tolerance F = 1% G = 2% J = 5% K = 10%	Resistance First 3 digits are significant; 4th digit is multiplier (# of zeroes to follow). Examples: 4704 = 4,700,000 1214 = 1,210,000 Use E96 values for 1% Use E24 values for 5%	Packaging TP = Paper tape (use on MMC06, MMC08, MMC12) TR = Embossed tape (use on MMC25)
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Note: Units are marked with 3-digit (E24 Series) or 4-digit (E96 Series). 4-digit marking not available on MMC06 sizes.

STANDARD PART NUMBERS

Series	MMC06F	MMC08F	MMC12F	MMC25F
Tolerance	1%	1%	1%	1%
Voltage	200V	300V	400V	800V
Ohms				
250K	MMC06F2503TP	MMC08F2503TP	MMC12F2503TP	MMC25F2503TR
500K	MMC06F5003TP	MMC08F5003TP	MMC12F5003TP	MMC25F5003TR
750K		MMC08F7503TP		
1M	MMC06F1004TP	MMC08F1004TP	MMC12F1004TP	MMC25F1004TR
1.5M			MMC12F1504TP	
2.5M		MMC08F2504TP		
5M	MMC06F5004TP		MMC12F5004TP	MMC25F5004TR
10M	MMC06F1005TP			MMC25F1005TR