



# THE DATASHEET OF EMI103T-RC



# EMI T Network Filters



This series is currently available but not recommended for new designs.

## Special Features

- Ferrite beads and chip capacitor T network EMI filters
- Excellent noise filtering capability at high frequency
- Taped packaged for automated insertion
- Rated current: 5 A
- Rated voltage: 50 VDC
- DC resistance: 0.05 Ohms max.
- Insulation resistance: 10 G Ohms @ 50 VDC
- Dielectric withstanding voltage: 125 VDC
- Operating temperature: -25 to +85 °C
- Ammo pack 2000 / Box

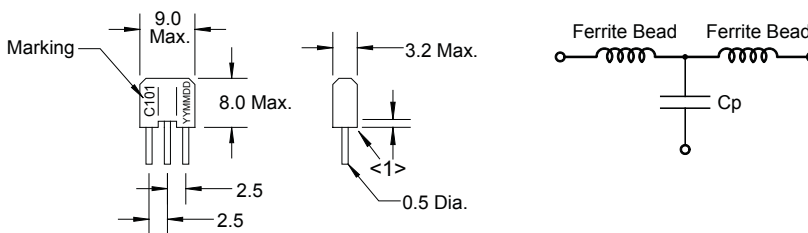
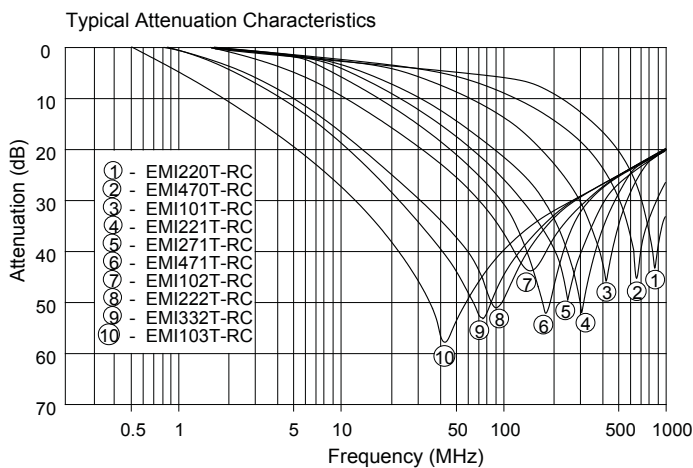
## Typical Applications

- Personal computers, printers, hard drives and telecommunication equipment
- Digital audio and video equipment
- Switch power supplies and AC adapters
- Industrial electronic devices

† RoHS Directive 2002/95/EC Jan 27 2003 including Annex.

EMIT Series			
Part Number	Cp (pF) @ 1 KHz	25 dB Attenuation Frequency (MHz)	15 dB Attenuation Frequency (MHz)
EMI220T-RC	22 ±20 %	800 – 1000	200 – 800
EMI470T-RC	47 ±20 %	550 – 700	350 – 800
EMI101T-RC	100 ±20 %	350 – 500	200 – 800
EMI221T-RC	220 ±20 %	200 – 350	100 – 800
EMI271T-RC	270 ±20 %	200 – 300	80 – 800
EMI471T-RC	470 ±20 %	120 – 300	50 – 800
EMI102T-RC	1000 ±20 %	70 – 200	30 – 800
EMI222T-RC	2200 ±20 %	45 – 200	20 – 800
EMI332T-RC	3300 ±20 %	35 – 200	15 – 800
EMI103T-RC	10,000 -20 %, +80 %	15 - 200	6 - 800

“-RC” suffix indicates RoHS compliance.



Dimensions: mm

<1> Beads exposure <1 mm (0.039 ")

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