CMD100T0804AT COMMON MODE FILTER SPECIFICATION

Rev. A

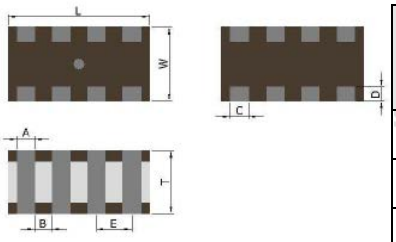
PRODUCT FEATURES

1. Surface mount dual common mode filter with a small size of 2.00 X 1.05 X 0.90 mm, RoHS compliant.
2. Provide wide pass band and high attenuation for common mode noise.
3. Highly stable under temperature and humidity changes.

RF CHARACTERISTICS

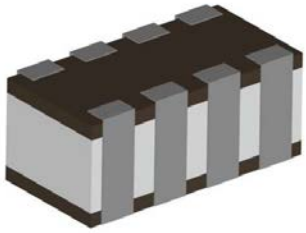
P/N CMD100T0804AT	Specification
Cut-off Frequency	3 GHz (Typical)
Common Mode Impedance	100 ohms ± 25% @ 100MHz
DC Resistance	1.3 Ω max.
Rated Current	300 mA
Characteristic Impedance (Differential)	100 Ω(Typical)
Operating temperature range	-40°C to +85°C

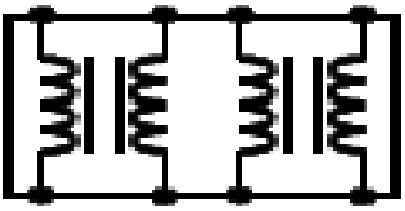
PHYSICAL DIMENSIONS



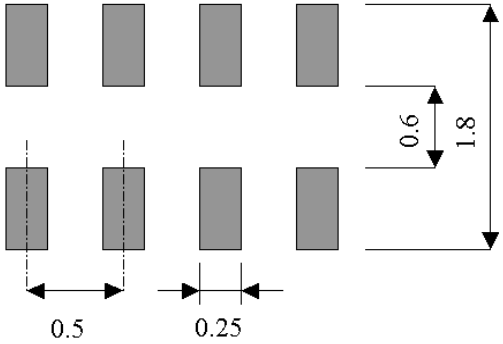
Symbol	Dimension (mm)
L	2.00 ± 0.15
W	1.05 ± 0.15
T	0.90 ± 0.10
A	0.25 ± 0.15
B	0.25 ± 0.10
C	0.35 ± 0.15
D	0.20 ± 0.15
E	0.50 ± 0.15

TERMINAL CONFIGURATION





PCB DESIGN/LAYOUT CONSIDERATION



Note:

- Unit in mm

- Design trace width to be 50Ω impedance.

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Typical RF Characteristic

