PCA ELECTRONICS INC.

Common Mode Choke

EPT7003C & EPT7003C-RC



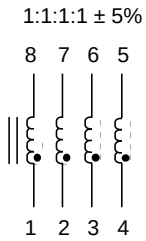
- Surface Mount Package
- Robust Construction for Reflow Processing
- Operating Temperature : 0°C to 85°C
- Peak Solder Rating (See Note 2)
- RoHS Compliant

Electrical Parameters @ 25° C

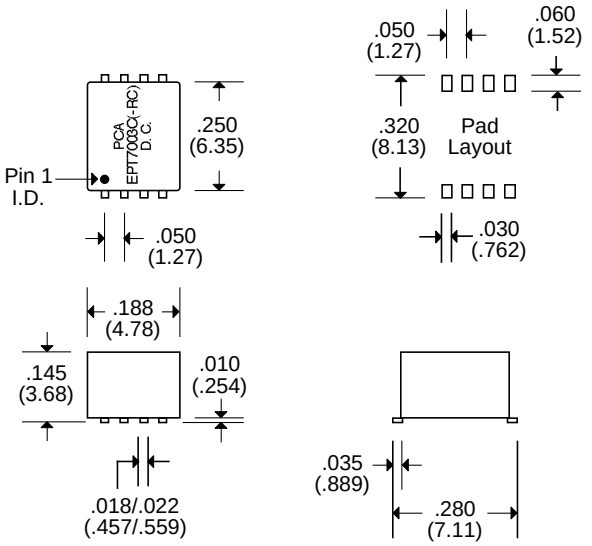
Inductance (µH Min.)	**DCR** (Ω Max.)	**Hipot** (Vrms)	**CMRR**
@100 KHz, 100 m Vrms			
4.0	0.250	300	See Graph
Pins 1-8, 2-7, 3-6 and 4-5	Pins 1-8, 2-7, 3-6 and 4-5		

Notes :	**EPT7003C**	**EPT7003C-RC**
1. Assembly Process (Solder Composition)	SnPb	Pb-Free + (RoHS exemption 7a)
2. Peak Solder Rating (per IPC/JEDEC J-STD-020C)	225°C	260°C
3. Moisture Sensitive Levels (MSL) (per IPC/JEDEC J-STD-020C)	MSL = 3 (168 Hours, ≤30°C/60%RH)	MSL = 4 (72 Hours, ≤30°C/60%RH)
4. Weight	0.33 grams	0.33 grams
5. Packaging Information (Tape & Reel) (*Add "TR" to end of part number when placing order)	1000 pieces/13" reel (*EPT7003C-TR)	1000 pieces/13" reel (*EPT7003C-RCTR)

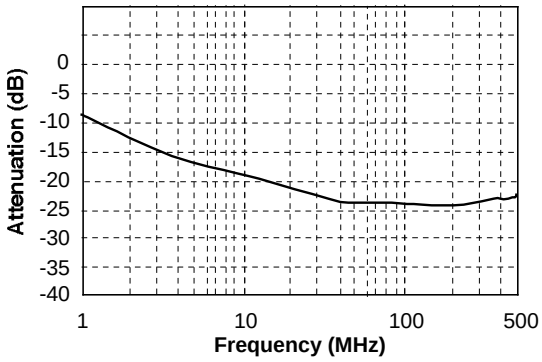
Schematic



Package



Typical CMRR



Unless Otherwise Specified Dimensions are in Inches /mm ± .010 /.25

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Product performance is limited to specified parameters. Data is subject to change without prior notice.

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