4 Line Common Mode Choke

EPA2165S & EPA2165S-RC

- IEEE 802.3 and IEEE 802.5 compatible
- Robust construction allows IR/VP reflow processes
- Add “-RC” after part number for RoHS Compliant
- Operating Temperature : 0°C to +70°C
- 500 Vrms Hipot

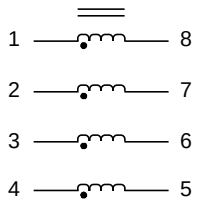
Electrical Parameters @ 25° C

OCL (µH ± 20%)	Leakage Inductance (µH Max.)	Interwinding Capacitance (pF Max.)	ET Product (V-uS)	Insulation Resistance (G Ω Min.)	DCR (Ω Max.)
100 KHz, 0.1 Vrms	100 KHz, 0.1 Vrms	100 KHz, 0.1 Vrms		@ 500 Vdc	
85	0.25	15 Line to Line	2.5	10 Line to Line	0.2 Each Line

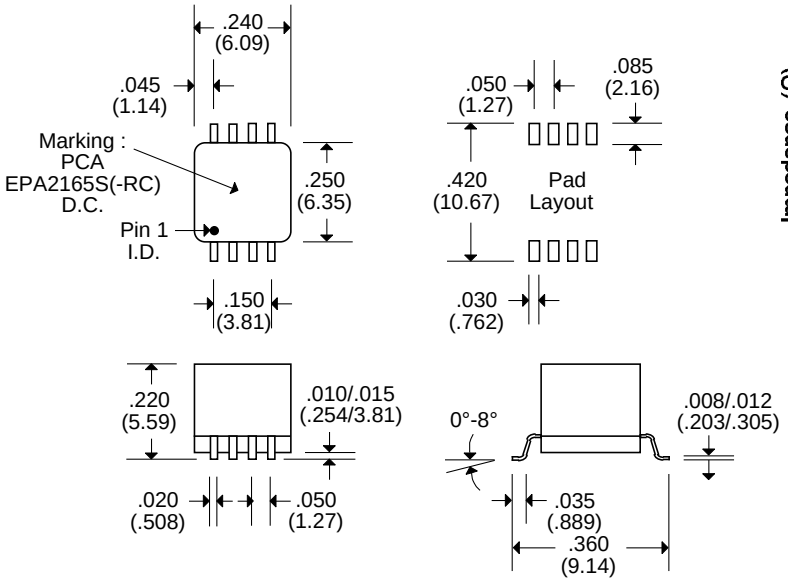
Notes :		EPA2165S	EPA2165S-RC
1. Lead Finish		SnPb	Hot Tin Dip (Sn) †
2. Peak Temperature Rating		225°C	245°C
3. Moisture Sensitive Levels		MSL = 3 (168 Hours, ≤30°C/60%RH)	MSL = 4 (72 Hours, ≤30°C/60%RH)
4. Weight		TBD grams	TBD grams
5. Packaging Information (*Add “TR” to end of part number, but in front of “-RC”when placing order)	(Tube)	TBD pieces/tube	TBD pieces/tube
	(Tape & Reel)	TBD pieces/13” reel (*EPA2165STR)	TBD pieces/13” reel (*EPA2165STR-RC)

† Leadframe Material : Matte Tin with Ni Barrier

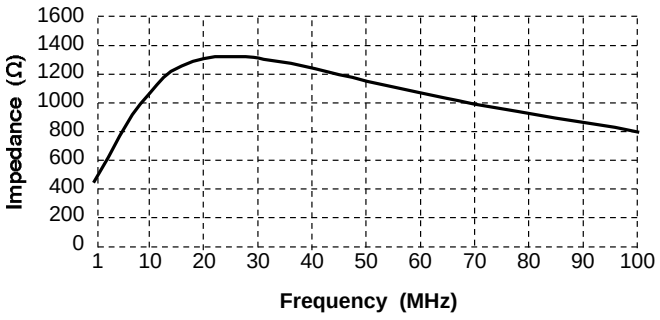
Schematic



Package



Typical Impedance



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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