

# 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

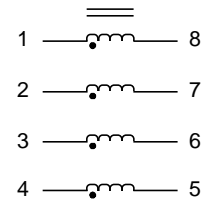
### Electrical Parameters @ 25° C

OCL ( $\mu\text{H} \pm 20\%$ )	Leakage Inductance ( $\mu\text{H Max.}$ )	Interwinding Capacitance (pF Max.)	ET Product (V-uS)	Insulation Resistance (G $\Omega$ Min.)	DCR ( $\Omega$ 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

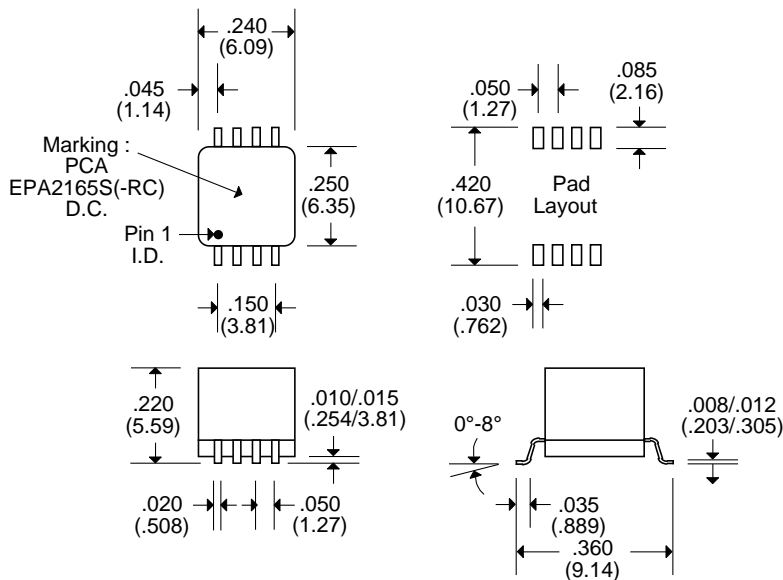
Notes :	EPA2165S	EPA2165S-RC
1. Lead Finish	SnPb	Hot Tin Dip (Sn) †
2. Peak Temperature Rating	225°C	245°C
3. Moisture Sensitive Levels	MSL = 3 (168 Hours, $\leq 30^\circ\text{C}/60\%\text{RH}$ )	MSL = 4 (72 Hours, $\leq 30^\circ\text{C}/60\%\text{RH}$ )
4. Weight	TBD grams	TBD grams
5. Packaging Information (*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

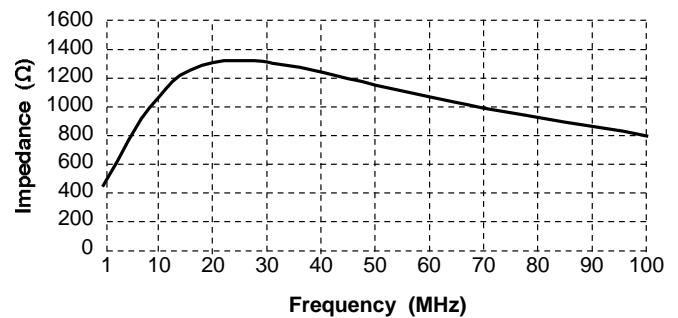
### Schematic



### Package



### Typical Impedance



Unless Otherwise Specified Dimensions are in Inches /mm  $\pm .010 / .25$