

# Common Mode Inductors/EMI Filters

## Special Features

- Reduces conductive EMI emission
- High inductance, compact size
- High attenuation at low frequency
- Rated voltage: 250 VAC
- Dielectric strength: 3750 Vrms
- UL 94V-0 rated plastic bobbin
- Operating temperature: -55 to +105 °C

## Typical Applications

- Line filter for switch mode power supplies
- Desk top computers
- TV, VCR, DVD and audio equipment
- Battery chargers
- Office equipment
- Industrial electronics
- EMI filters

## Notes

\* Rated Idc causes a 35 °C temperature rise

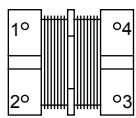
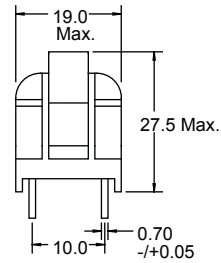
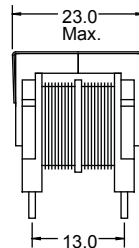
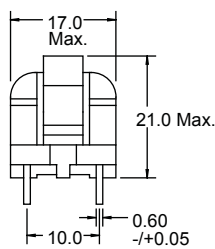
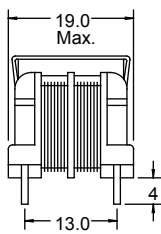
† RoHS Directive 2002/95/EC Jan 27 2003 including Annex.

7400 Series			
Part Number	L (mH)	DCR (Ω)	I (A)*
	Min. @ 1 KHz	Max.	Max.
7402-RC	0.6	0.046	2.8
7404-RC	1.0	0.049	2.4
7406-RC	2.0	0.11	1.8
7408-RC	5.0	0.28	1.1
7410-RC	8.0	0.44	0.9
7412-RC	10.0	0.50	0.8
7414-RC	20.0	1.11	0.6
7416-RC	30.0	1.73	0.5
7418-RC	45.0	2.68	0.4

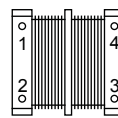
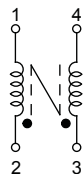
"-RC" suffix indicates RoHS compliance.

7500 Series			
Part Number	L (mH)	DCR (Ω)	I (A)*
	Min. @ 1 KHz	Max.	Max.
7502-RC	0.6	0.025	4.4
7504-RC	1.0	0.033	3.6
7506-RC	2.0	0.058	2.9
7508-RC	5.0	0.10	2.3
7510-RC	8.0	0.20	1.6
7512-RC	10.0	0.22	1.5
7514-RC	20.0	0.49	1.0
7516-RC	30.0	0.76	0.8
7518-RC	45.0	1.18	0.7

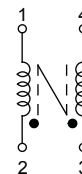
"-RC" suffix indicates RoHS compliance.



7400



7500



Dimensions: mm  
Tolerance: +/- 0.2



## WARNING Cancer and Reproductive Harm

[www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

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