

Signal Line Common Mode Inductors/Isolation Transformers



Model 3000 Series is currently available, although not recommended for new designs.

Special Features

- Excellent EMI suppression capability
- Excellent signal coupling
- Dielectric strength 500 Vrms
- Compact size
- Fixed pin spacing for easy PCB insertion
- Operating temperature -55 to +105 °C

Typical Applications

- Signal line EMI filtering
- Network switching boards
- Telephone systems
- Telecommunications

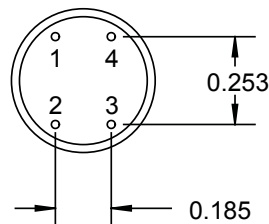
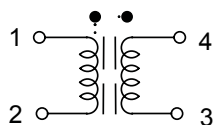
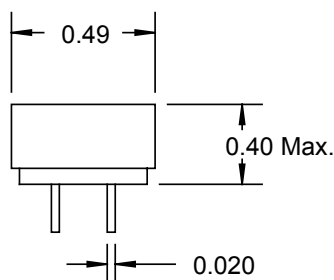
Notes

- Rated current to cause approx. 35 °C temperature rise

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

3000 Series			
Part Number	L (μH) ± 15 % @ 1 KHz	DCR (Ω) Max.	I, DC* (A)
3000-101-RC	100	0.155	1.13
3000-121-RC	120	0.166	1.09
3000-151-RC	150	0.204	0.99
3000-181-RC	180	0.259	0.81
3000-221-RC	220	0.316	0.79
3000-271-RC	270	0.345	0.76
3000-331-RC	330	0.415	0.69
3000-391-RC	390	0.515	0.62
3000-471-RC	470	0.706	0.53
3000-561-RC	560	0.742	0.52
3000-681-RC	680	0.897	0.47
3000-821-RC	820	1.16	0.41
(mH)			
3000-102-RC	1.0	1.38	0.38
3000-122-RC	1.2	1.89	0.32
3000-152-RC	1.5	2.47	0.28
3000-182-RC	1.8	2.80	0.26
3000-222-RC	2.2	3.12	0.25
3000-272-RC	2.7	3.68	0.23
3000-332-RC	3.3	4.71	0.21
3000-392-RC	3.9	5.16	0.20
3000-472-RC	4.7	6.64	0.18
3000-562-RC	5.6	9.03	0.15
3000-682-RC	6.8	10.2	0.14
3000-822-RC	8.2	11.5	0.13
3000-103-RC	10	13.1	0.12

“-RC” suffix indicates RoHS compliance.



Dimensions: Inches

BOURNS®

Tel. (877) 426-8767 • Fax (951) 781-5006

www.bourns.com