

THROUGH-HOLE HIGH CURRENT RADIAL ROD CHOKES

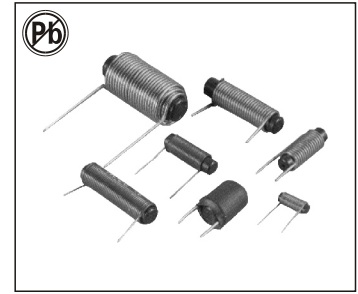
RC0630 SERIES

FEATURES:

- Low cost design general Purpose inductor
- High Saturation current
- Easy construction that uses Ferrite rod cores

APPLICATIONS:

- Switching Regulators
- Automotive Systems
- Power Amplifiers
- Power Supplies
- EMI/RFI suppression
- DC line Filters



ELECTRICAL CHARACTERISTICS:

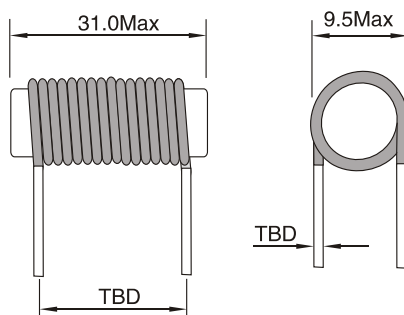
Part Number	L uH	DCR Ω Max	IDC A Max	SRF (MHz) Min	Wire size (mm)	Turns
RC0630-4R7K	4.7	0.005	16.08	85	1.60	12.5
RC0630-5R6K	5.6	0.005	16.08	80	1.60	14.5
RC0630-6R8K	6.8	0.008	10.61	75	1.30	15.5
RC0630-8R2K	8.2	0.009	9.04	67	1.20	16.5
RC0630-100K	10	0.010	9.04	64	1.20	19.5
RC0630-120K	12	0.018	6.28	57	1.00	20.5
RC0630-150K	15	0.023	5.08	53	0.90	23.5
RC0630-180K	18	0.030	4.02	49	0.80	24.5
RC0630-220K	22	0.045	3.07	44	0.70	27.5
RC0630-270K	27	0.050	3.07	42	0.70	31.5
RC0630-330K	33	0.060	2.65	36	0.65	35.5
RC0630-390K	39	0.080	2.26	34	0.60	40.5
RC0630-470K	47	0.110	1.90	32	0.55	44.5
RC0630-560K	56	0.140	1.57	30	0.50	46.5

Note: 1. K= ± 10%, M= ± 20%

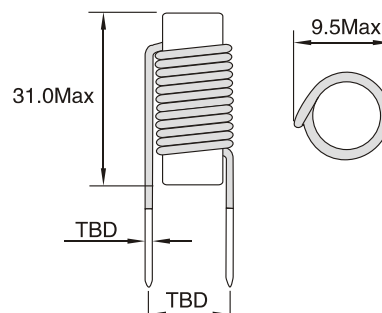
TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS:

DIMENSIONS IN:mm

Horizontal



Vertical



- Inductance measured with zero D.C current
- Increment current reduces inductance by ≤ 10%
- Operating temperature: -20°C~+80°C
- Test Equipment

Note: All specifications subject to change without notice.

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