Coilmaster Electronics Co., Ltd.
3F No.211, Huan Bei Rd. Chung Li District , Taoyuan City, Taiwan
Tel : +886-3-422-8279 Fax : +886-3-452-5688
E-mail :info@coilmaster.com.tw
Web Site : www.coilmaster.com.tw

RCS1616B SERIES ~ Through Hole Shielded Inductors

FEATURES

- Magnetically shielded construction and low leakage flux type .
- 7.5mm-pitch , 2 terminal fixed inductor .
- Lead free and RoHS compliant
- Ideal for use as choke coil for high current DC-DC circuit in all types of electronic instruments .

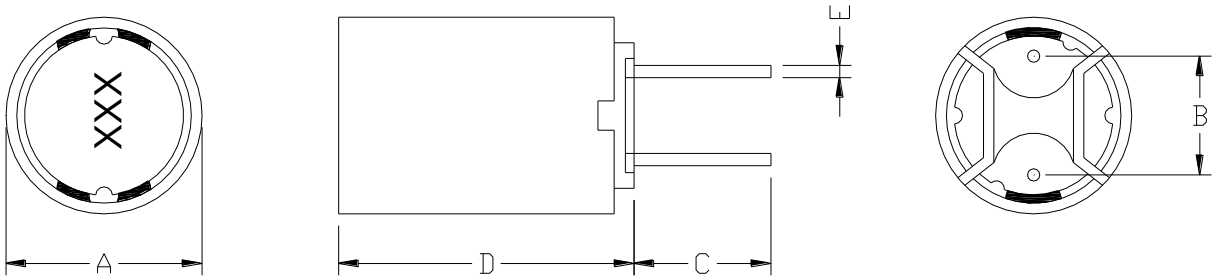
PART NUMBERING SYSTEM

RCS	1616B	—	100M	—	LF
TYPE	DIMENSIONS		INDUCTANCE		LEAD FREE

SHAPES AND DIMENSIONS

UNIT：mm

TOP VIEW FRONT VIEW BOTTOM VIEW



A=16.5 Max. B=7.5 Ref. C=5.0 Ref. D=16.5 Max. E=0.8 Ref.

Coilmaster Electronics Co., Ltd.
3F No.211, Huan Bei Rd. Chung Li District , Taoyuan City, Taiwan
Tel : +886-3-422-8279 Fax : +886-3-452-5688
E-mail :info@coilmaster.com.tw
Web Site : www.coilmaster.com.tw

RCS1616B SERIES ~ Through Hole Shielded Inductors

SPECIFICATION TABLE

PART NUMBER	INDUCTANCE (μH)	DCR (Ω) (Max.)	IDC (A) (Max.)	TEST FREQ. (f)
RCS1616B-4R7M-LF	4.7±20%	6.70m	12.6	1KHz
RCS1616B-6R8M-LF	6.8±20%	9.35m	9.8	1KHz
RCS1616B-100M-LF	10±20%	10.5m	9.3	1KHz
RCS1616B-120M-LF	12±20%	11.0m	8.5	1KHz
RCS1616B-150M-LF	15±20%	14.5m	7.1	1KHz
RCS1616B-180M-LF	18±20%	16.5m	6.7	1KHz
RCS1616B-220M-LF	22±20%	17.0m	6.2	1KHz
RCS1616B-270M-LF	27±20%	20.0m	5.6	1KHz
RCS1616B-330M-LF	33±20%	27.0m	5.0	1KHz
RCS1616B-390M-LF	39±20%	33.0m	4.6	1KHz
RCS1616B-470M-LF	47±20%	37.0m	4.2	1KHz
RCS1616B-560M-LF	56±20%	45.0m	3.8	1KHz
RCS1616B-680M-LF	68±20%	56.0m	3.3	1KHz
RCS1616B-820M-LF	82±20%	64.5m	2.9	1KHz
RCS1616B-101K-LF	100±10%	68.0m	2.7	1KHz
RCS1616B-121K-LF	120±10%	80.0m	2.5	1KHz
RCS1616B-151K-LF	150±10%	91.0m	2.3	1KHz
RCS1616B-181K-LF	180±10%	135m	2.0	1KHz
RCS1616B-221K-LF	220±10%	155m	1.8	1KHz
RCS1616B-271K-LF	270±10%	180m	1.7	1KHz
RCS1616B-331K-LF	330±10%	240m	1.5	1KHz
RCS1616B-391K-LF	390±10%	255m	1.3	1KHz
RCS1616B-471K-LF	470±10%	280m	1.2	1KHz
RCS1616B-561K-LF	560±10%	380m	1.1	1KHz
RCS1616B-681K-LF	680±10%	515m	1.0	1KHz
RCS1616B-821K-LF	820±10%	575m	0.96	1KHz
RCS1616B-102K-LF	1000±10%	665m	0.85	1KHz

- Inductors tolerance K=±10% ; M=±20% .
- DC current at which the inductance drops 10% (typ) from its value without current.
- Operating temperature range -25℃ to +105℃ , Electrical specifications at 20℃.