

NEW PRODUCT

SURFACE MOUNT POWER CHOKE
SERIES SD0504

FEATURES

- Small size
- High current capacity with RF frequency response
- Good for auto insertion
- Low price
- Available in both bulk or tape and reel

ELECTRICAL SPECIFICATIONS

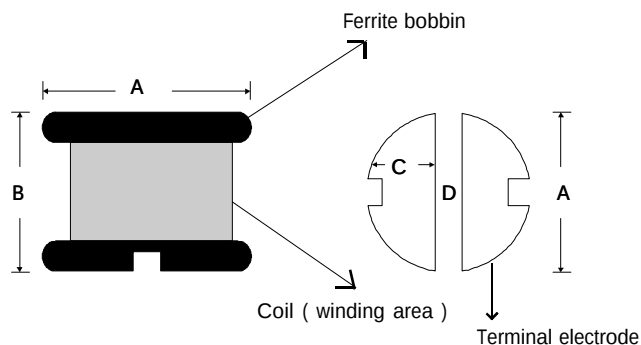
- Inductance range 10uH to 220uH
- Test frequency 100 KHz with test level 0.01 VRMS
- Test equipment HP4192A
- Rated current range 0.35 Amp to 1.44 Amps
- Tolerance $\pm 10\%$ and 20%
- Rated current Based on temperature rise maximum 40°C and L drops 10% from initial value

PHYSICAL SPECIFICATIONS

- Operating temperature -25°C to $+105^{\circ}\text{C}$
- Core Ferrite
- Terminal construction Ag + Sn / Pb electroplated to core
- Finish Varnish impregnated
- Packaging Bulk 500 pieces per bag
Tape and Reel 1500 pieces per reel
Tape spec 16mm embossed carrier
Reel size 330mm reel

DIMENSIONS IN INCHES

- Diameter A 0.22" $\pm$ 0.02"
- Height B 0.18" $\pm$ 0.02"
- Terminal width C 0.05" $\pm$ 0.02"
- Terminal thickness 0.02" $\pm$ 0.01"
- Distance between terminals D 0.05" nominal



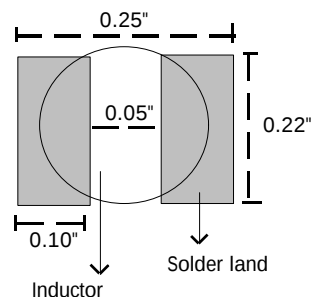
SPECIFICATIONS

Part Number	L (μH)	Tol %	DCR max (Ω)	Rated Current (mA)
SD0504-100M	10	± 20	0.10	1440
SD0504-120M	12		0.12	1400
SD0504-150M	15		0.14	1300
SD0504-180M	18		0.15	1230
SD0504-220M	22		0.18	1110
SD0504-270M	27		0.20	970
SD0504-330K	33	± 10	0.23	880
SD0504-390K	39		0.32	800
SD0504-470K	47		0.37	720
SD0504-560K	56		0.42	680
SD0504-680K	68		0.46	610
SD0504-820K	82		0.60	580
SD0504-101K	100		0.70	520
SD0504-121K	120		0.93	480
SD0504-151K	150		1.10	400
SD0504-181K	180		1.38	380
SD0504-221K	220		1.57	350

Preliminary specifications.

Please call Technical Assistance for update.

SUGGESTED LAND PATTERN



Note : Please coat a silk screen between two terminals