

**SURFACE MOUNT
HIGH INDUCTANCE VALUE
COMMON MODE INDUCTOR
SERIES SEP**

FEATURES

- Compact, good for high density applications
- Self shielding
- Low price compared to similar products

ELECTRICAL CHARACTERISTICS

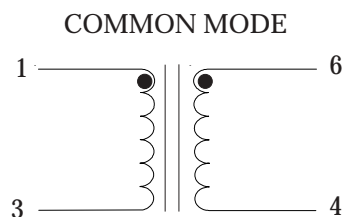
- Inductance range 1,000 μH to 10,000 μH^*
- Test frequency 1 KHz
- Test level 10mVAC
- Test equipment Quadtech 1750 LCR Meter
- Rated current range 250mA to 650mA*
- Tolerance $\pm 10\%$ over entire range
- Rated current Based on coil temperature rise not to exceed 30°C

PHYSICAL CHARACTERISTICS

- Operating temp. -20°C to +105°C
- Core Ferrite
- Bobbin Surface mount bobbin with 6 leads
- Safety rating UL94V-0
- Winding configurations Series, parallel, or multifilar
- Finish Covered with metal clip, varnished
- Marking Black dot designates pin one
- Packaging 100 pieces per bag

DIMENSIONS IN MILLIMETERS

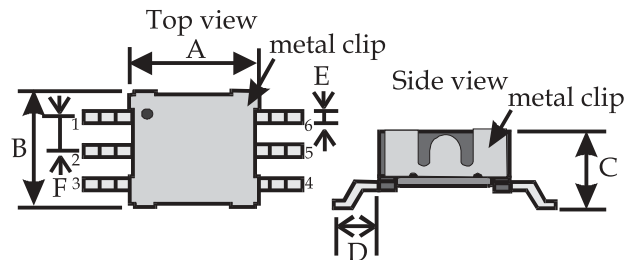
- Width A with clip 9.50 \pm 0.5
- Length B with clip 10.5 \pm 0.5
- Height C with clip 8.60 \pm 0.5
- Lead length D 2.28 \pm 0.2
- Lead width E 0.76 \pm 0.2
- Lead spacing F 2.54 \pm 0.2

WINDING SCHEMATIC*** NOTE:**

Other inductance values and rated currents are available on special order.

SPECIFICATIONS

Part Number	L (μH)	Tol % \pm	DCR max (Ω)	Rated Current (mA)
SEP-102K	1000	10	0.25	650
SEP-122K	1200	10	0.28	650
SEP-152K	1500	10	0.30	650
SEP-182K	1800	10	0.40	650
SEP-202K	2000	10	0.42	500
SEP-222K	2200	10	0.47	450
SEP-272K	2700	10	0.55	450
SEP-302K	3000	10	0.60	420
SEP-332K	3300	10	0.63	420
SEP-352K	3500	10	0.68	400
SEP-392K	3900	10	0.75	400
SEP-402K	4000	10	0.85	400
SEP-472K	4700	10	0.90	350
SEP-502K	5000	10	0.95	350
SEP-562K	5600	10	1.10	350
SEP-602K	6000	10	1.25	320
SEP-682K	6800	10	1.30	300
SEP-752K	7500	10	1.55	300
SEP-802K	8000	10	1.75	280
SEP-822K	8200	10	1.90	270
SEP-902K	9000	10	2.25	260
SEP-103K	10000	10	2.50	250

**SUGGESTED LAND PATTERN**