

SPL 3345 Surface Mount Power Inductor



APPLICATIONS

- ◇ DC/DC converters
- ◇ Computers
- ◇ Telecommunications Equipment
- ◇ Filters
- ◇ LCD Display

CHARACTERISTICS

Flat Top for surface mounting.
High Current SMD, up to ADC.

FLAMABILITY: To UL94V0.

TEMPERATURE RANGE: -40°C to 85°C.

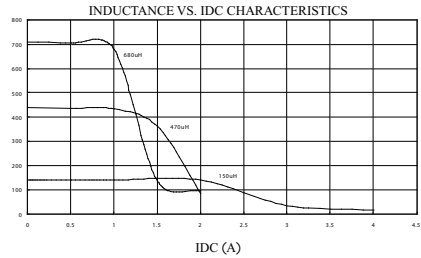
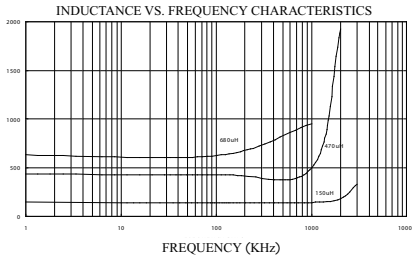
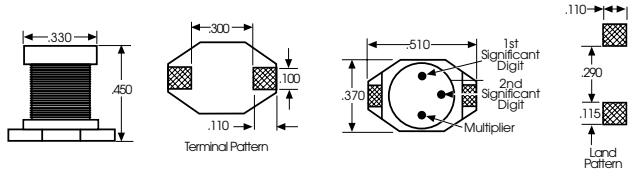
SOLDERABILITY: Excellent for IR soldering.

PACKAGING: Tape and Reel only.

NOTES:

- (1) Inductance tested at 100kHz, 0.10VRMS.
- (2) Based on 10% drop in initial inductance.
- (3) DCR measured on milliohm meter.

Inductance tested at 100 kHz, 0.1 Vrms.
Inductance drop = 20% typ. at Isat.
T = 15°C rise typ at Irms.
Operating temperature range -40°C to +85°C



Part Number	Ind. (µH)	Tol. (±%)	DCR (Ω) Max	SRF (MHz) Typ	Isat (A)	Irms (A)
SPL3345-100M	10	20	0.033	22	8.0	3.5
SPL3345-150M	15	20	0.042	18	7.0	3.0
SPL3345-220M	22	20	0.054	11	5.5	2.5
SPL3345-330M	33	20	0.08	9	4.0	2.0
SPL3345-470M	47	20	0.10	8	3.8	1.6
SPL3345-680M	68	20	0.17	7	3.0	1.2
SPL3345-101M	100	20	0.22	5	2.5	1.2
SPL3345-151M	150	20	0.34	4	2.0	0.9
SPL3345-221M	220	20	0.44	3.5	1.6	0.7
SPL3345-331M	330	20	0.70	2.5	1.2	0.6
SPL3345-471M	470	20	0.95	2	1.0	0.3
SPL3345-681M	680	20	1.2	2	1.0	0.2
SPL3345-102M	1000	20	2.0	1.5	0.8	0.1