

SPL1612 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 2.9 ADC.

FLAMABILITY: To UL94V0.

TEMPERATURE RANGE: -40°C to 85°C.

SOLDERABILITY: Excellent for IR soldering.

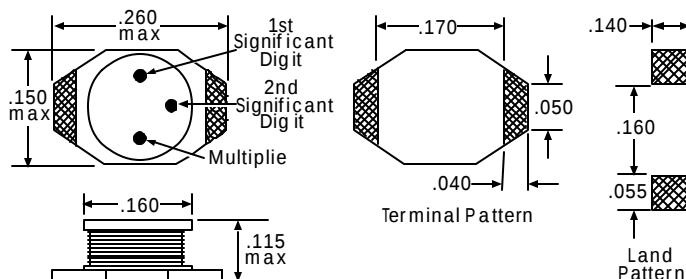
PACKAGING: Tape and Reel only.

Notes:

(1) Inductance measured at 100Khz, .10Vrms.

(2) Rated Current based on 10% drop in initial inductance.

(3) DCR measured on milliohm meter.



PART NUMBER	INDUCTANCE (μH) +/- 20% (1)	DC RESISTANCE OHMS MAXIMUM (Ω) (3)	RATED CURRENT (AMPS DC) (2)
SPL1612-1R0M	1.0	0.050	2.90
SPL1612-1R5M	1.5	0.050	2.60
SPL1612-2R2M	2.2	0.070	2.30
SPL1612-3R3M	3.3	0.080	2.00
SPL1612-4R7M	4.7	0.090	1.50
SPL1612-6R8M	6.8	0.130	1.20
SPL1612-100M	10	0.160	1.10
SPL1612-150M	15	0.230	0.90
SPL1612-220M	22	0.370	0.70
SPL1612-330M	33	0.510	0.58
SPL1612-470M	47	0.640	0.50
SPL1612-680M	68	0.860	0.40
SPL1612-101M	100	1.270	0.31
SPL1612-151M	150	2.000	0.25
SPL1612-221M	220	3.110	0.20
SPL1612-331M	330	3.800	0.16
SPL1612-471M	470	5.000	0.15
SPL1612-681M	680	9.200	0.12
SPL1612-102M	1000	13.800	0.07

SPL3312 Surface Mount Power Inductor



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CHARACTERISTICS

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FLAMABILITY: To UL94V0.

TEMPERATURE RANGE: -40°C to 85°C.

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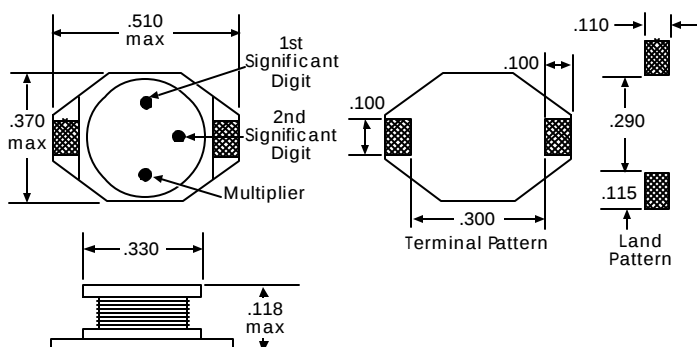
PACKAGING: Tape and Reel only.

Notes:

(1) Inductance tested at 100Khz, 0.10VRMS.

(2) Rated Current based on 10% drop in initial inductance.

(3) DCR measured on milliohm meter.



PART NUMBER	INDUCTANCE (μHY) +/- 20% (1)	DC RESISTANCE OHMS MAXIMUM (Ω) (3)	RATED CURRENT (AMPS DC) (2)
SPL3312-100M	10	0.090	2.4
SPL3312-150M	15	0.120	2.0
SPL3312-220M	22	0.190	1.6
SPL3312-330M	33	0.250	1.4
SPL3312-470M	47	0.320	1.0
SPL3312-680M	68	0.550	.90
SPL3312-101M	100	0.700	.70
SPL3312-151M	150	1.000	.60
SPL3312-221M	220	1.600	.50
SPL3312-331M	330	2.200	.40
SPL3312-471M	470	3.300	.30
SPL3312-681M	680	4.400	.20
SPL3312-102M	1000	7.000	.10