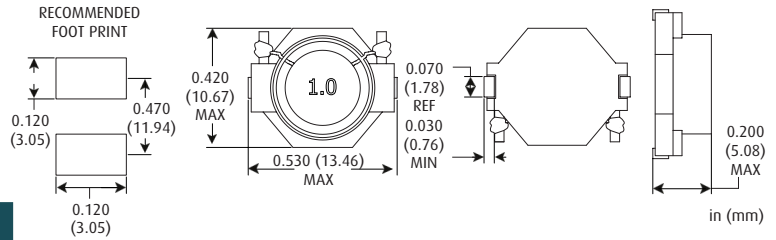


SMP3316S SERIES
Wirewound Shielded Inductor

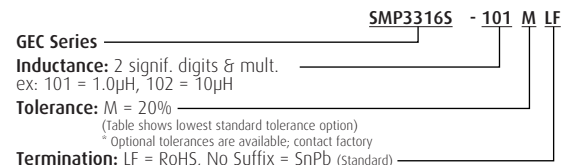


PART NUMBER	L μ H @ 100 kHz	DCR Ω MAX	I SAT A DC	CURRENT RATING A DC
FERRITE CORE				
SMP3316S-101M	1.0	0.021	15	5.0
SMP3316S-151M	1.5	0.022	11	4.5
SMP3316S-221M	2.2	0.032	10	3.8
SMP3316S-331M	3.3	0.039	8.0	3.3
SMP3316S-471M	4.7	0.054	6.8	2.7
SMP3316S-681M	6.8	0.075	5.5	2.2
SMP3316S-102M	10	0.101	4.6	2.0
SMP3316S-152M	15	0.150	3.8	1.5
SMP3316S-222M	22	0.207	3.1	1.3
SMP3316S-332M	33	0.334	2.2	1.1
SMP3316S-472M	47	0.472	2.1	0.80

NOTES

- **Operating Temperature Range:** -55°C to +125°C
- **Current Rating** is based on a 40°C temperature rise at an ambient temperature of 85°C
- **Saturation Current** is the approximate value that will reduce the initial inductance by 10%
- **Weight Max:** 0.90 grams
- **Marking:** Inductance (see diagram above)
- Molded Epoxy base for superior heat strength
- Materials are fungus-inert to meet method 508 of MIL-STD-810H
- Custom designs are available to meet your specific requirements; please contact factory
- **Applications:** Can be used for all types of power applications including filters for DC/DC converters and switching regulated power supplies.

PART NUMBER DERIVATION



TAPE AND REEL SPECS

Pieces/reel maximum:	700
Pitch between parts:	16 mm
Tape width:	24 mm
Reel diameter:	13 in.