

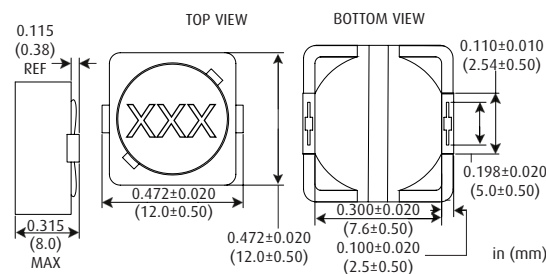
GP3127 SERIES



Shielded Power Choke



PART NUMBER	L μH	TEST FREQ kHz	DCR Ω MAX	CURRENT RATING A DC MAX
FERRITE CORE / FERRITE SLEEVE				
GP3127-2R2MLF	2.2	100	0.015	8.5
GP3127-3R3MLF	3.3	100	0.018	7.5
GP3127-4R7MLF	4.7	100	0.022	6.8
GP3127-6R8MLF	6.8	100	0.030	6.2
GP3127-100MLF	10	100	0.040	5.4
GP3127-120MLF	12	1	0.045	4.9
GP3127-150MLF	15	1	0.048	4.5
GP3127-180MLF	18	1	0.052	3.9
GP3127-220MLF	22	1	0.055	3.6
GP3127-270MLF	27	1	0.060	3.4
GP3127-330MLF	33	1	0.065	3.0
GP3127-390MLF	39	1	0.080	2.8
GP3127-470MLF	47	1	0.100	2.5
GP3127-560MLF	56	1	0.120	2.3
GP3127-680MLF	68	1	0.140	2.1
GP3127-820MLF	82	1	0.170	1.9
GP3127-101MLF	100	1	0.220	1.7
GP3127-121MLF	120	1	0.250	1.6
GP3127-151MLF	150	1	0.320	1.4
GP3127-181MLF	180	1	0.360	1.3
GP3127-221MLF	220	1	0.390	1.2
GP3127-271MLF	270	1	0.520	1.1
GP3127-331MLF	330	1	0.620	1.0
GP3127-391MLF	390	1	0.750	0.90
GP3127-471MLF	470	1	0.980	0.80
GP3127-561MLF	560	1	1.15	0.75
GP3127-681MLF	680	1	1.22	0.70
GP3127-821MLF	820	1	1.40	0.65
GP3127-102MLF	1000	1	1.54	0.62



NOTES

- Operating Temperature Range:** -55°C to +125°C
- Current Rating** is based on a 40°C maximum temperature rise, 10% maximum decrease in inductance, at an ambient temperature of 25°C
- Weight Max:** 0.85 grams
- Marking:** XXX (dash number) (see diagram above)
- Terminals are solderable - more than 95% new solder coverage when subjected to soldering temperature
- Application Frequency Range:**
 To 1.0 MHz MIN (for L values 1.2μH - 10μH)
 To 300 kHz MIN (for L values >10μH)
- Custom designs are available to meet your specific requirements; please contact factory

PART NUMBER DERIVATION

GP3127 - 2R2 M LF

GEC Series —

Inductance: 2 signif. digits & mult.
 ex: 1R2 = 1.2μH, 100 = 10μH, 101 = 100μH, 102 = 1000μH

Tolerance: M = 20%
 (Table shows lowest standard tolerance option)

Termination: LF = RoHS compliant (standard)

TAPE AND REEL SPECS:

Pieces/reel maximum:	500
Pitch between parts:	16 mm
Tape width:	24 mm
Reel diameter:	13 in.