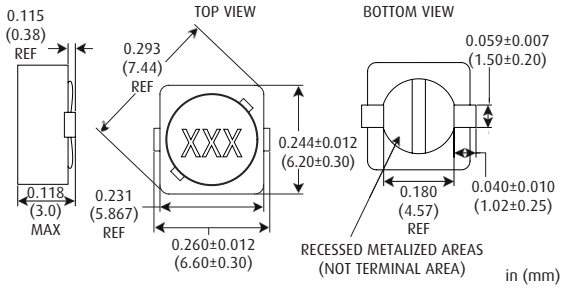
GP3062 SERIES

RoHS Compliant

Shielded Power Choke





PART NUMBER	L µH	TEST FREQ MHz	DCR Ω MAX	CURRENT RATING A DC MAX
FERRITE CORE / FERRITE SLEEVE				
GP3062-1R2MLF	1.2	100	0.080	3.50
GP3062-2R4MLF	2.4	100	0.100	2.80
GP3062-3R5MLF	3.5	100	0.120	2.50
GP3062-4R7MLF	4.7	100	0.150	2.00
GP3062-6R8MLF	6.8	100	0.170	1.80
GP3062-100MLF	10	100	0.180	1.40
GP3062-120MLF	12	100	0.200	1.30
GP3062-150MLF	15	1	0.300	1.20
GP3062-180MLF	18	1	0.350	1.10
GP3062-220MLF	22	1	0.400	1.00
GP3062-270MLF	27	1	0.450	0.94
GP3062-330MLF	33	1	0.500	0.82
GP3062-390MLF	39	1	0.700	0.78
GP3062-470MLF	47	1	0.750	0.70
GP3062-560MLF	56	1	0.850	0.68
GP3062-680MLF	68	1	1.20	0.56
GP3062-820MLF	82	1	1.45	0.50
GP3062-101MLF	100	1	1.60	0.41
GP3062-121MLF	120	1	1.70	0.39
GP3062-151MLF	150	1	1.80	0.37
GP3062-181MLF	180	1	2.10	0.35
GP3062-221MLF	220	1	2.20	0.32
GP3062-271MLF	270	1	3.00	0.29
GP3062-331MLF	330	1	3.30	0.22

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:** 0.40 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

GP3062 - 1R2 M LF

GEC Series
Inductance: 2 signif. digits & mult.
ex: 1R2 = 1.2µH, 100 = 10µH, 101 = 100µH
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:	12 mm
Tape width:	16 mm
Reel diameter:	13 in.

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