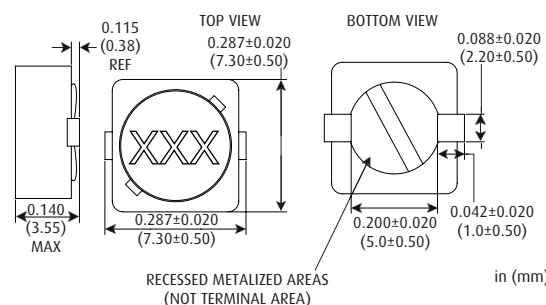


GP3073 SERIES



Shielded Power Choke



PART NUMBER	L μH	TEST FREQ kHz	DCR Ω MAX	CURRENT RATING A DC MAX
FERRITE CORE / FERRITE SLEEVE				
GP3073-1R2MLF	1.2	100	0.020	5.30
GP3073-2R4MLF	2.4	100	0.032	4.50
GP3073-3R5MLF	3.5	100	0.035	4.00
GP3073-4R7MLF	4.7	100	0.050	3.50
GP3073-6R8MLF	6.8	100	0.065	3.00
GP3073-100MLF	10	100	0.072	2.50
GP3073-120MLF	12	1	0.098	2.25
GP3073-150MLF	15	1	0.130	2.00
GP3073-180MLF	18	1	0.140	1.80
GP3073-220MLF	22	1	0.190	1.75
GP3073-270MLF	27	1	0.210	1.60
GP3073-330MLF	33	1	0.240	1.35
GP3073-390MLF	39	1	0.320	1.25
GP3073-470MLF	47	1	0.360	1.16
GP3073-560MLF	56	1	0.470	1.10
GP3073-680MLF	68	1	0.520	1.05
GP3073-820MLF	82	1	0.690	0.95
GP3073-101MLF	100	1	0.790	0.85
GP3073-121MLF	120	1	0.890	0.80
GP3073-151MLF	150	1	1.27	0.70
GP3073-181MLF	180	1	1.45	0.62
GP3073-221MLF	220	1	1.65	0.57
GP3073-271MLF	270	1	2.31	0.52
GP3073-331MLF	330	1	2.62	0.50
GP3073-391MLF	390	1	2.94	0.48
GP3073-471MLF	470	1	4.18	0.38
GP3073-561MLF	560	1	4.67	0.35
GP3073-681MLF	680	1	5.73	0.31
GP3073-821MLF	820	1	6.54	0.30
GP3073-102MLF	1000	1	9.44	0.26

NOTES

- Operating Temperature Range:** -40°C to +125°C
- Current Rating** is based on a 40°C maximum temperature rise, 30% 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

GP3073 - 1R2 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: 12 mm

Tape width: 16 mm

Reel diameter: 13 in.