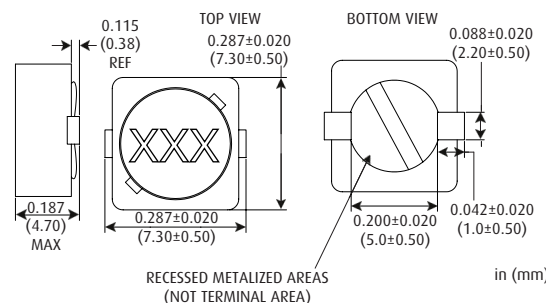


GP3074 SERIES



Shielded Power Choke



PART NUMBER	L μH	TEST FREQ kHz	DCR Ω MAX	CURRENT RATING A DC MAX
FERRITE CORE / FERRITE SLEEVE				
GP3074-1R2MLF	1.2	100	0.025	8.0
GP3074-2R4MLF	2.4	100	0.030	5.5
GP3074-3R5MLF	3.5	100	0.034	5.0
GP3074-4R7MLF	4.7	100	0.038	3.7
GP3074-6R8MLF	6.8	100	0.042	3.5
GP3074-100MLF	10	100	0.049	2.5
GP3074-120MLF	12	1	0.038	2.4
GP3074-150MLF	15	1	0.081	2.3
GP3074-180MLF	18	1	0.091	2.15
GP3074-220MLF	22	1	0.110	2.0
GP3074-270MLF	27	1	0.150	1.7
GP3074-330MLF	33	1	0.170	1.5
GP3074-390MLF	39	1	0.230	1.35
GP3074-470MLF	47	1	0.260	1.3
GP3074-560MLF	56	1	0.350	1.2
GP3074-680MLF	68	1	0.380	1.1
GP3074-820MLF	82	1	0.430	1.04
GP3074-101MLF	100	1	0.610	0.86
GP3074-121MLF	120	1	0.660	0.84
GP3074-151MLF	150	1	0.880	0.70
GP3074-181MLF	180	1	0.980	0.68
GP3074-221MLF	220	1	1.17	0.60
GP3074-271MLF	270	1	1.64	0.55
GP3074-331MLF	330	1	1.86	0.50
GP3074-391MLF	390	1	2.85	0.45
GP3074-471MLF	470	1	3.01	0.40
GP3074-561MLF	560	1	3.62	0.37
GP3074-681MLF	680	1	4.63	0.34
GP3074-821MLF	820	1	5.20	0.31
GP3074-102MLF	1000	1	6.00	0.26

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

GP3074 - 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.