

PART NUMBER	INDUCTANCE (±20%) μH	TEST FREQUENCY KHZ	DC RESISTANCE MAXIMUM OHMS	CURRENT RATING MAXIMUM AMPS	SRF TYPICAL MHZ
GP3042-1R2MLF	1.2	100	0.019	1.80	120
GP3042-2R2MLF	2.2	100	0.023	1.35	77
GP3042-3R3MLF	3.3	100	0.032	1.10	65
GP3042-4R7MLF	4.7	100	0.045	0.90	55
GP3042-6R8MLF	6.8	100	0.060	0.73	45
GP3042-100MLF	10	100	0.083	0.58	37
GP3042-120MLF	12	1.0	0.100	0.53	34
GP3042-150MLF	15	1.0	0.115	0.46	30
GP3042-180MLF	18	1.0	0.150	0.42	28
GP3042-220MLF	22	1.0	0.160	0.38	25
GP3042-270MLF	27	1.0	0.190	0.35	21
GP3042-330MLF	33	1.0	0.215	0.32	18
GP3042-390MLF	39	1.0	0.290	0.30	17
GP3042-470MLF	47	1.0	0.320	0.28	16
GP3042-560MLF	56	1.0	0.365	0.25	15
GP3042-680MLF	68	1.0	0.480	0.22	14
GP3042-820MLF	82	1.0	0.520	0.20	12
GP3042-101MLF	100	1.0	0.700	0.12	11



NOTES:

- Operating temperature -55°C to +125°C
- Mechanically shielded surface mount power inductor ferrite core & shield
- Terminals are solderable - more than 95% new solder coverage when subjected to soldering temperature
- Application frequency range - Values 1.2 μH to 10 μH to 1.0 MHz min. Values above 10μH to 300 KHz min.
- Current rating at 25°C ambient - 40°C maximum temperature rise 10% maximum decrease in inductance
- Ferrite core material
- 0.85 grams maximum weight

TAPE AND REEL SPECS: (12MM)

Pcs./ 7" Reel maximum: 500

