

LMF1005-R SERIES



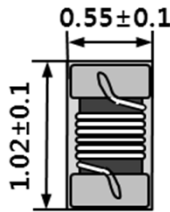
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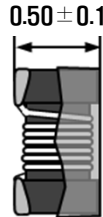
■ SHAPE & DIMENSIONS / RECOMMENDED SOLDER LAND PATTERN

(Unit : mm)

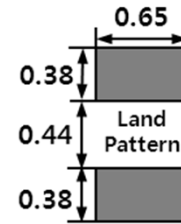
BOTTOM VIEW



SIDE VIEW



※PCB PATTERNS



■ ELECTRICAL CHARACTERISTICS

Ordering code	Inductance [nH]	Tolerance (%)	Q (min.)	SRF Min. (MHZ)	Rdc Max. (Ω)	Idc Avg. (mA)
LMF1005TP - 180J - R	18@ 100MHZ	± 5	7	3000	0.038	1900
LMF1005TP - 330J - R	33@ 100MHZ	± 5		3000	0.071	1150
LMF1005TP - 470K - R	47@ 100MHZ	± 10		2000	0.100	1100
LMF1005TP - 510J - R	51@ 100MHZ	± 5		3000	0.086	1150
LMF1005TP - 560M - R	56@ 100MHZ	± 20		2000	0.092	1300
LMF1005TP - 820M - R	82@ 100MHZ	± 20		1700	0.140	850
LMF1005TP - 101K - R	100@ 100MHZ	± 10		1900	0.120	1000
LMF1005TP - 121K - R	120@ 100MHZ	± 10		1700	0.165	850
LMF1005TP - 161K - R	160@ 100MHZ	± 10		1300	0.280	600
LMF1005TP - 181K - R	180@ 100MHZ	± 10		1500	0.430	550
LMF1005TP - 201K - R	200@ 100MHZ	± 10		1400	0.327	600
LMF1005TP - 221K - R	220@ 100MHZ	± 10		1300	0.514	460
LMF1005TP - 241K - R	240@ 100MHZ	± 10		1200	0.539	450
LMF1005TP - 271J - R	270@ 100MHZ	± 5		1100	0.549	400
LMF1005TP - 331J - R	330@ 100MHZ	± 5		1000	0.750	350
LMF1005TP - 361J - R	360@ 100MHZ	± 5		1000	0.860	400
LMF1005TP - 391J - R	390@ 100MHZ	± 5		900	0.880	350
LMF1005TP - 421J - R	420@ 100MHZ	± 5		900	1.460	300
LMF1005TP - 471J - R	470@ 100MHZ	± 5		800	1.600	250
LMF1005TP - 561J - R	560@ 100MHZ	± 5		800	1.650	230

▼ Test Equipments

- Inductance,Q : RF LCR Meter HP4287A + 16197A Fixture or equivalent
- Rdc : HIOKI 3540 mΩ HiTESTER or equivalent
- SRF : Agilent E4991A 1MHz ~ 3GHz RF Impedance Material Analyzer
+ E4991A Test Head + 16197A Fixture or equivalent
- Idc For 15°C Rise : Agilent 6692A 0-60V/0-110A SYSTEM DC POWER SUPPLY
+ YOKOGAWA DR130 HYBRID RECORDER or equivalent