

LMF1005-E SERIES



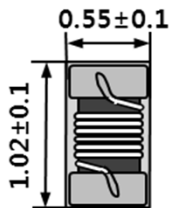
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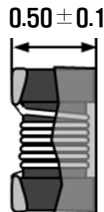
■ SHAPE & DIMENSIONS / RECOMMENDED SOLDER LAND PATTERN

(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 - E	18@ 10MHZ	± 5	7	3000	0.039	1700
LMF1005TP - 330J - E	33@ 10MHZ	± 5		2800	0.044	1700
LMF1005TP - 560J - E	56@ 10MHZ	± 5		2000	0.071	1200
LMF1005TP - 800J - E	80@ 10MHZ	± 5		1900	0.079	1200
LMF1005TP - 101J - E	100@ 10MHZ	± 5		1900	0.075	1400
LMF1005TP - 131J - E	130@ 10MHZ	± 5		1600	0.110	1000
LMF1005TP - 161J - E	160@ 10MHZ	± 5		1600	0.183	700
LMF1005TP - 181J - E	180@ 10MHZ	± 5		1500	0.256	600
LMF1005TP - 211J - E	210@ 10MHZ	± 5		1400	0.191	650
LMF1005TP - 271K - E	270@ 10MHZ	± 10		1400	0.303	520

▼ 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