

# LMF1005-N SERIES



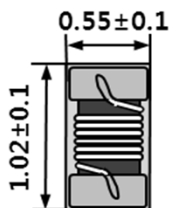
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## LMF1005-N SERIES

### ■ SHAPE & DIMENSIONS / RECOMMENDED SOLDER LAND PATTERN

(Unit : mm)

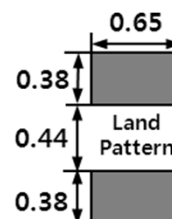
BOTTOM VIEW



SIDE VIEW



※PCB PATTERNS



### ■ ELECTRICAL CHARACTERISTICS

Ordering code	Inductance [nH]	Tolerance (%)	Q (min.)	SRF Min. (MHZ)	Rdc Max. (Ω)	Idc Avg. (mA)
LMF1005TP - 2N7B - N	2.7@ 10MHZ	± 0.2nH	4	3000	0.017	2600
LMF1005TP - 100J - N	10@ 10MHZ	± 5	7	2800	0.035	2100
LMF1005TP - 180J - N	18@ 10MHZ	± 5		2500	0.035	2000
LMF1005TP - 330J - N	33@ 10MHZ	± 5		2400	0.044	1800
LMF1005TP - 390J - N	39@ 10MHZ	± 5		2700	0.085	1200
LMF1005TP - 480J - N	48@ 10MHZ	± 5		1600	0.065	1300
LMF1005TP - 560J - N	56@ 10MHZ	± 5		2000	0.067	1600
LMF1005TP - 700J - N	70@ 10MHZ	± 5		1900	0.086	1400
LMF1005TP - 720J - N	72@ 10MHZ	± 5		2200	0.110	1000
LMF1005TP - 820J - N	82@ 10MHZ	± 5		1700	0.097	1100
LMF1005TP - 850J - N	85@ 10MHZ	± 5		2000	0.193	700
LMF1005TP - 960J - N	96@ 10MHZ	± 5		1600	0.125	1200
LMF1005TP - 101J - N	100@ 10MHZ	± 5		1900	0.092	1300
LMF1005TP - 131J - N	130@ 10MHZ	± 5		1500	0.125	1000
LMF1005TP - 151J - N	150@ 10MHZ	± 5		1800	0.150	850
LMF1005TP - 181J - N	180@ 10MHZ	± 5		1600	0.315	600
LMF1005TP - 211J - N	210@ 10MHZ	± 5		1400	0.243	700
LMF1005TP - 221J - N	210@ 10MHZ	± 5		1300	0.470	500
LMF1005TP - 271J - N	270@ 10MHZ	± 5		1300	0.520	450
LMF1005TP - 331J - N	330@ 10MHZ	± 5		330	0.492	500
LMF1005TP - 391J - N	390@ 10MHZ	± 5		290	0.565	450
LMF1005TP - 421J - N	420@ 10MHZ	± 5	450	0.528	450	
LMF1005TP - 471J - N	470@ 10MHZ	± 5	420	0.558	500	
LMF1005TP - 561J - N	560@ 10MHZ	± 5	300	0.600	400	

### ▼ 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

Specifications given herein may be changed at any time without prior notice. Please confirm technical specifications before your order and/or use.