

# LMF0603 SERIES



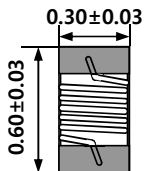
<http://www.abco.co.kr>

## LMF0603 SERIES

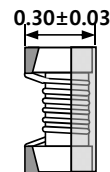
### ■ SHAPE & DIMENSIONS / RECOMMENDED SOLDER LAND PATTERN

(Unit : mm)

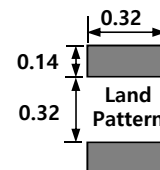
BOTTOM VIEW



SIDE VIEW



※PCB PATTERNS



### ■ ELECTRICAL CHARACTERISTICS

Ordering code	Inductance [nH]	Tolerance (%)	Q (min.)	SRF Min. (MHZ)	Rdc Max. (Ω)	Idc Avg. (mA)
LMF0603TP - 5N5J - N	6@ 10MHz	± 5	3@10MHz	2200	0.069	1400
LMF0603TP - 120J - N	12@ 10MHz	± 5	5@10MHz	2200	0.095	1100
LMF0603TP - 210J - N	21@ 10MHz	± 5		2200	0.126	950
LMF0603TP - 300J - N	30@ 10MHz	± 5		2000	0.140	1000
LMF0603TP - 420J - N	42@ 10MHz	± 5		2000	0.170	900
LMF0603TP - 560J - N	56@ 10MHz	± 5		1600	0.165	650
LMF0603TP - 820J - N	82@ 10MHz	± 5		1400	0.300	550
LMF0603TP - 101J - N	100@ 10MHz	± 5		1200	0.340	500
LMF0603TP - 121J - N	120@ 10MHz	± 5		1200	0.445	450
LMF0603TP - 131J - N	130@ 10MHz	± 5		1400	0.695	400
LMF0603TP - 151J - N	150@ 10MHz	± 4		4@10MHz	1150	1.150
LMF0603TP - 161J - N	160@ 10MHz	± 5	5@10MHz	1000	1.120	250
LMF0603TP - 191J - N	190@ 10MHz	± 4	4@10MHz	1100	1.250	300

### ▼ Test Equipments

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