

# LMC0603 SERIES



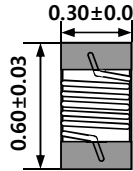
http://www.abco.co.kr

## LMC0603 SERIES

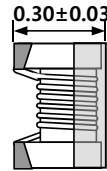
### ■ SHAPE & DIMENSIONS / RECOMMENDED SOLDER LAND PATTERN

(Unit : mm)

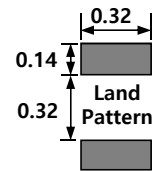
BOTTOM VIEW



SIDE VIEW



※PCB PATTERNS



### ■ ELECTRICAL CHARACTERISTICS

Ordering code	Inductance [nH]	Tolerance (%)	Q (min.)	SRF Min. (MHZ)	Rdc Max. (Ω)	Idc Avg. (mA)
LMC0603TP - 1N0C	1.0@ 500MHZ	± 0.3nH	13@ 500MHZ	8000	0.080	1900
LMC0603TP - 1N8C	1.8@ 500MHZ	± 0.3nH	15@ 500MHZ	8000	0.100	1600
LMC0603TP - 2N2C	2.2@ 500MHZ	± 0.3nH	15@ 500MHZ	8000	0.180	1000
LMC0603TP - 2N7C	2.7@ 500MHZ	± 0.3nH	18@ 500MHZ	8000	0.135	1050
LMC0603TP - 2N8C	2.8@ 500MHZ	± 0.3nH	19@ 500MHZ	8000	0.120	1100
LMC0603TP - 3N3C	3.3@ 500MHZ	± 0.3nH	18@ 500MHZ	8000	0.150	1000
LMC0603TP - 4N7C	4.7@ 500MHZ	± 0.3nH	20@ 500MHZ	8000	0.170	900
LMC0603TP - 8N2J	8.2@ 500MHZ	± 5	22@ 500MHZ	6200	0.215	900
LMC0603TP - 10NJ	10@ 500MHZ	± 5	22@ 500MHZ	6500	0.270	700
LMC0603TP - 12NJ	12@ 500MHZ	± 5	22@ 500MHZ	6000	0.420	650
LMC0603TP - 13NJ	13@ 500MHZ	± 5	22@ 500MHZ	6000	0.350	500
LMC0603TP - 15NJ	15@ 500MHZ	± 5	21@ 500MHZ	5100	0.450	550
LMC0603TP - 18NJ	18@ 500MHZ	± 5	21@ 500MHZ	4500	0.660	500
LMC0603TP - 23NJ	23@ 500MHZ	± 5	18@ 500MHZ	3700	1.300	300
LMC0603TP - 27NJ	27@ 500MHZ	± 5	21@ 500MHZ	3500	1.450	250
LMC0603TP - 33NJ	33@ 300MHZ	± 5	17@ 500MHZ	3200	1.840	300
LMC0603TP - 37NJ	37@ 300MHZ	± 5	17@ 500MHZ	3000	1.950	300
LMC0603TP - 40NJ	40@ 300MHZ	± 5	17@ 500MHZ	3000	2.050	250
LMC0603TP - 44NJ	44@ 300MHZ	± 5	17@ 500MHZ	3000	2.200	250
LMC0603TP - 47NJ	47@ 300MHZ	± 5	17@ 500MHZ	2900	2.320	250
LMC0603TP - 51NJ	51@ 300MHZ	± 5	17@ 500MHZ	2700	2.460	250
LMC0603TP - 55NJ	55@ 300MHZ	± 5	17@ 500MHZ	2700	2.550	250
LMC0603TP - 59NJ	59@ 300MHZ	± 5	16@ 500MHZ	2700	2.800	250

### ▼ 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 E5071B 300KHz ~ 8.5GHz ENA Series Network Analyzer+ABCO Test Fixture
- 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