

LMF0604-N SERIES



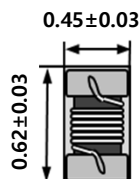
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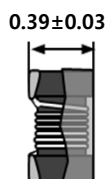
■ SHAPE & DIMENSIONS / RECOMMENDED SOLDER LAND PATTERN

(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) |
|----------------------|-----------------|---------------|----------|----------------|--------------|---------------|
| LMF0604TP - 560J - N | 56@ 10MHZ | ± 5 | 5@10MHZ | 1800 | 0.193 | 620 |
| LMF0604TP - 620J - N | 62@ 10MHZ | ± 5 | | 1400 | 0.290 | 500 |
| LMF0604TP - 820J - N | 82@ 10MHZ | ± 5 | | 1600 | 0.390 | 450 |
| LMF0604TP - 101J - N | 100@ 10MHZ | ± 5 | | 1500 | 0.410 | 430 |
| LMF0604TP - 131J - N | 130@ 10MHZ | ± 5 | | 1300 | 0.630 | 430 |

▼ Test Equipments

- Inductance,Q measured : 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