

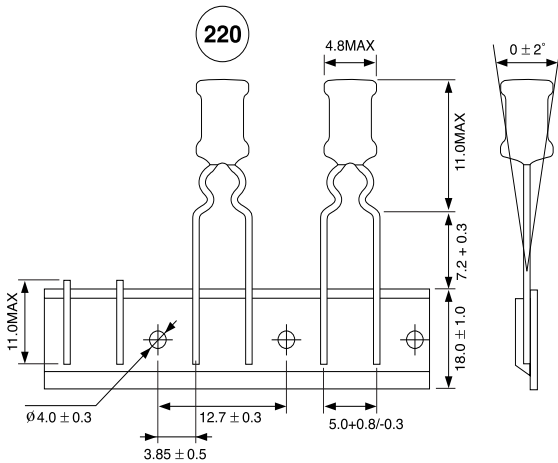
LEAD TYPE

LPL0411 SERIES

Leaded type

SHAPES & DIMENSIONS

(Dimensions in mm)



ELECTRICAL CHARACTERISTICS

Ordering Code	Inductance (μH)	Inductance TOL.(%)	Test Freq. (KHz)	DC Resistance (Ω)Max	Rated Current(A)
LPL0411□-4R7M	4.7	± 20	1	0.10	1.50
LPL0411□-100K	10	± 10		0.17	1.20
LPL0411□-220K	22			0.22	0.92
LPL0411□-221K	220			3.60	0.27
LPL0411□-471K	470			6.55	0.18
LPL0411□-681K	680			7.83	0.17
LPL0411□-102K	1000		11.48	0.13	

*□ Packing style -T: Taping -B: Bulk

TEST EQUIPMENTS

- Inductance: Agilent 4284A LCR Meter (1KHz 1V)
- Rdc: HIOKI 3540 mΩ HiTESTER
- Bias Current: Agilent 4284A + Agilent 42841A
- Inductance drop = 10% typ. at rated current

OPERATING TEMPERATURE RANGE

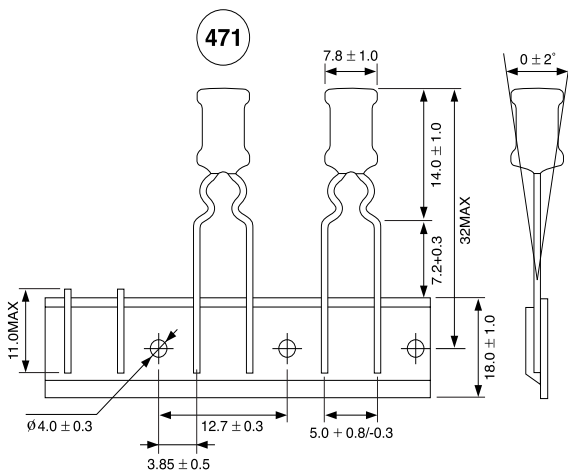
-20 ~ +85°C (Including self-generated heat)

LPL0714 SERIES

Leaded type

SHAPES & DIMENSIONS

(Dimensions in mm)



ELECTRICAL CHARACTERISTICS

Ordering Code	Inductance (μH)	Inductance TOL.(%)	Test Freq. (KHz)	DC Resistance (Ω) ± 20%	Rated Current(A)	
					IDC1 (A Max.)	IDC2 (A Ref.)
LPL0714□-100K	10	± 10	1	0.038	4.50	4.23
LPL0714□-330K	33			0.090	2.00	2.17
LPL0714□-470K	47			0.150	1.80	1.73
LPL0714□-820K	82			0.230	1.50	1.32
LPL0714□-101K	100			0.290	1.30	1.14
LPL0714□-151K	150			0.450	1.10	1.01
LPL0714□-271K	270			0.750	0.80	0.72
LPL0714□-471K	470			1.370	0.65	0.54
LPL0714□-681K	680			2.000	0.55	0.46
LPL0714□-821K	820			2.500	0.50	0.42

*□ Packing style -T: Taping -B: Bulk

TEST EQUIPMENTS

- Inductance: Agilent 4284A LCR Meter (1KHz 1V)
- Rdc: HIOKI 3540 mΩ HiTESTER
- Bias Current: Agilent 4284A + Agilent 42841A
- IDC1(The saturation current): ΔL ≤ 10% at rated current
- IDC2(The temperature rise): ΔT = 30°C at rated current

OPERATING TEMPERATURE RANGE

-20 ~ +85°C (Including self-generated heat)