

# LPS181207 Series

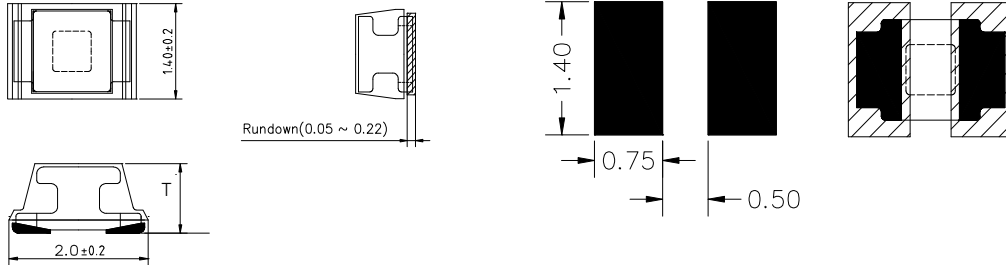


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## SMD Shielded Type

### ▼ Shape & Dimensions / Recommended Solder Land Pattern

[Dimensions in mm]



### ▼ Electrical Characteristics

Ordering Code	Inductance		Frequency F (KHz)	DC Resistance(Ω)		DC Resistance(Ω) Idc2 (Max.)	Height T (mm)
	L (uH)	Tol. (%)		Rdc (Max.)	Idc1 (Max.)		
LPS181207T-1R0N	1.0	±30	100	0.25	0.68	1.35	0.70 ±0.05
LPS181207T-2R2M	2.2	±20		0.52	0.45	0.88	
LPS181207T-4R7M	4.7			1.05	0.34	0.63	
LPS181207T-6R8M	6.8			1.53	0.26	0.48	
LPS181207T-100M	10			1.85	0.20	0.40	0.70 Max.

### ▼ Test Equipments

- . L : Agilent E4980A Precision LCR Meter
- . Rdc : HIOKI 3540 mΩ HiTESTER
- . Idc1 : Agilent 4284A LCR Meter + Agilent 42841A Bias Current Source

Packing style

T : Taping

### ▼ Test Condition

- . L(Frequency , Voltage) : F=100 (KHz) , V=0.5 (V)
- . Idc1(The saturation current) :  $\Delta L \leq 30\%$  reduction from initial L value

### ▼ Operating Temperature Range

-40 ~ +85°C (Including self-generated heat)