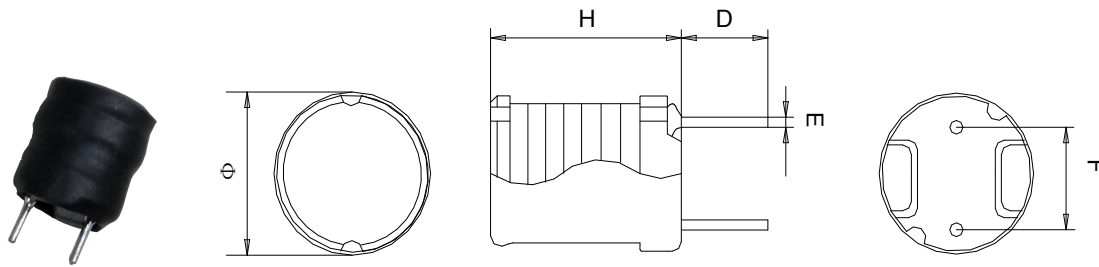


### 1. Dimensions/外形尺寸图

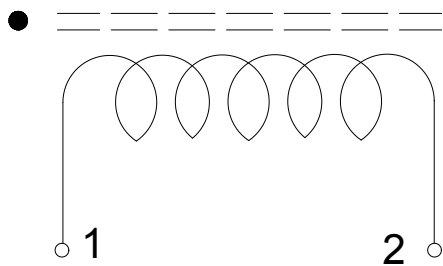


Dimensions do not include the solder on the terminal pins.

Φ	H	D	E	F
8.5 ± 0.5	9.8 ± 0.5	3.5 ± 0.5	0.6 ± 0.3	5.0 ± 0.5

Unit: mm

### 2. Schematics



RoHS  
Compliant

### 3. Electrical Characteristics/电气特性

Part Number	Inductance (H) ①	Inductance tolerance	DCR ±20% (Ω) ②	Isat max. (mA)③	Irms typ. (mA) ④
TDR7890T-100MB01	10μ	±20%	35m	2600	2000
TDR7890T-220MB01	22μ	±20%	50m	1700	1400
TDR7890T-330MB01	33μ	±20%	59m	1400	1100
TDR7890T-470MB01	47μ	±20%	83m	1300	1000
TDR7890T-101MB01	100μ	±20%	158m	900	720
TDR7890T-102MB01	1.0m	±20%	1.68	500	500
TDR7890T-222MB01	2.2m	±20%	3.5	350	320
TDR7890T-183MB01	18m	±20%	39	130	100
TDR7890T-333MB01	33m	±20%	105	100	60

① Inductance tested at 1kHz/0.3V, using an Agilent/HP 4192A or equivalent.

② DCR measured on a micro-ohmmeter.

③ Isat : The DC current at which the inductance decreases by 25% of it's initial value..

④ Irms: The DC current at which Δt=40°C (Ta=20°C).