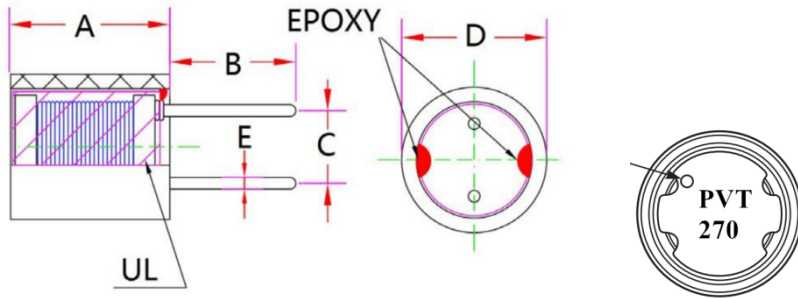


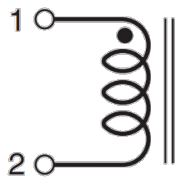
1. Shape & Dimensions (mm)



Reference on Drawing	Description
.	Start of Winding
Marking	(270) Inductance Code

Item Size (mm)	A	B	C	D	E
	16 ± 0.5	4.8 ± 0.5	5.0 ± 0.5	13.0 ± 0.5	0.8 ± 0.1

2. Electrical Properties



Part Number	Inductance (uH)	Inductance Tolerance	D.C.R. (Max Ω) @ 25°C	Saturation Current (Typ A)	Rated Current (Max A)
PVT-MDRFS1317-270K	27	± 10%	0.033	5.2	4.1
PVT-MDRFS1317-102K	1000	± 10%	1.02	0.83	0.68

Remarks:

A. It is recommended that the temperature of the part does not exceed 125°C under worst case operating conditions.

Operating Temperature: -40°C to +125°C
Storage Temperature (on original package): -40°C to +125°C; 75% RH max.

B. Inductance: 27uH~10000uH @ 100KHz/0.1V
Idc1(Isat): 0.28A~5.2A Typ. DC current that will cause L0 to drop approximately 10%
Idc2(Rated Current): 0.24A~4.1A Max. DC current that will cause an approximate ΔT of 40°C
DC Resistance: 0.033Ω~6.55Ω Max.
Self-Resonant Frequency: 0.25MHz~20.95MHz Typ.

3. Material List

Item	Description
Core	NiZn
Wire	Copper
Soldering	Tin
Varnish	V1630FS
Heat-Shrinkable Tube	Tube

Manufacturer information and UL ILE numbers for all materials available upon request