

Mini Wire wound SMD Power Inductors

Features

- Low DC resistance and high current
- Highly accurate dimensions
- Superior EMI characteristics with ultra low radiation comparing to conventional shielded power inductors
- RoHS compliant



Environmental Data

- Operating temperature range:
-40°C ~ +125°C
(including coil's Self temperature rise)

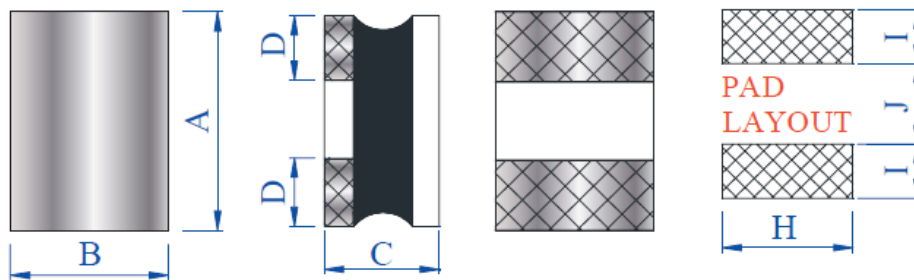
Applications

- LCD Displays
- Smart Phone
- Tablet PC and other Portable Power
- DC/DC Converters

Packing

- 3000 PCS / Reel

Shape& Dimension (Unit:mm)



TYPE	A	B	C	D	H(Ref.)	I(Ref.)	J(Ref.)
LPP252010T-1	2.5±0.25	2.0±0.25	1.25 Max	0.80 Typ.	2.20	0.85	0.80

Specification

Part Number	Inductance (uH)	DCR (Ω)		Isat (A)		Irms (A)	
		Max.	Typ.	Typ..	Max.	Typ.	Max.
LPP252010T-R24□-1	0.24	0.018	0.013	8.0	9.5	5.5	6.5
LPP252010T-R33□-1	0.33	0.024	0.018	6.5	8.0	4.8	5.5
LPP252010T-R47□-1	0.47	0.035	0.027	5.0	6.2	3.9	4.5
LPP252010T-R68□-1	0.68	0.040	0.032	4.5	5.6	3.7	4.2
LPP252010T-1R0□-1	1.0	0.040	0.038	3.4	3.7	3.3	3.5
LPP252010T-1R5□-1	1.5	0.075	0.068	3.1	3.8	2.4	2.8
LPP252010T-2R2□-1	2.2	0.097	0.087	2.5	3.0	2.2	2.5
LPP252010T-4R7□-1	4.7	0.225	0.200	1.7	2.0	1.4	1.6
LPP252010T-100□-1	10	0.585	0.545	1.2	1.4	0.85	1.0

NOTE:

- Tolerance□: M:±20% , N:±25% , Y:±30%
- Isat:For Inductance drop 30% from its value without current.
- Irms:The value ofDC current when the temperature rise is $\Delta T \cong 40^{\circ}\text{C}.$ ($T_a=25^{\circ}\text{C}$)