

Mini Molding SMD Inductors

Features

- Ferrite Construction.
- High Current and Low Resistance.

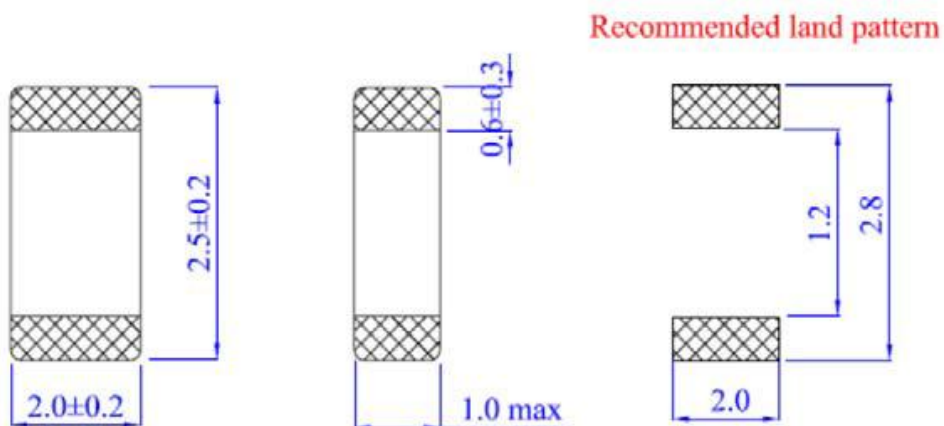
Applications

- Mobile Phone, Micro USB, MP3, etc.

Environmental Data

- Operating temperature range: $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$
(including coil's Self temperature rise)

Shape & Dimension (Unit:mm)



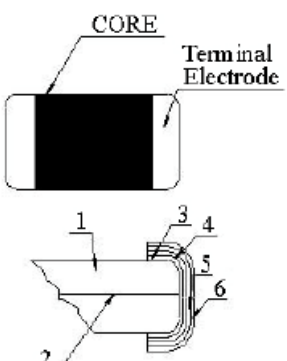
Specification

Part Number	Inductance	Tolerance	Test Freq.	DCR Max.	Saturation Current DC	Temp. Rise Current DC
	uH	%	MHz	mΩ	A(Max.)	A(Max.)
CDMC252010CNR24MT	0.24	±20	2.0	40	7.5	4.5
CDMC252010CNR47MT	0.47	±20	2.0	46	5.2	3.1
CDMC252010CNR68MT	0.68	±20	2.0	65	3.8	2.9
CDMC252010CN1R0MT	1.0	±20	2.0	78	3.4	2.5
CDMC252010CN1R5MT	1.5	±20	2.0	105	3.2	2.2
CDMC252010CN2R2MT	2.2	±20	2.0	156	2.6	1.4

NOTE :

- The operating temperature range is -40°C to +125°C (Including self-temperature rise)
- Tolerance M : ±20% , N : ±25% , Y : ±30%
- Isat:For Inductance drop 20% from its value without current.
- Irms:The value of D.C current when the temperature rise is $\Delta T \leq 40^\circ\text{C}$.(Ta=25°C)

PMATERIAL LIST



NO.	ITEM	MATREIAL	Remark
1	Core	Metal Powder	
2	Wire	Copper Wire	
3	Sputter/Plating	Cu	
4	Silver Electrode	Ag	
5	Plating	Ni	
6	Plating	Sn	

PACKAGING

