SMD Shielded Power Inductor
Size 1280



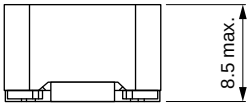
- Low loss realized with low DCR.
- High performance realized by metal dust core.

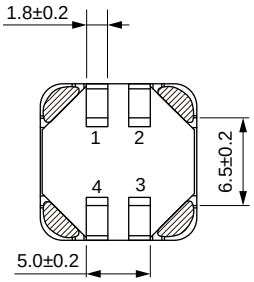
- 100% Lead(Pb)-Free and RoHS compliant.
-
-
-

-
- HVAC
-
- Audio subsystem
- Digital instrument cluster
-
- SEPIC circuit

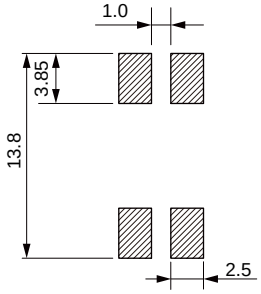
Dimensions: [mm]



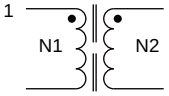




Land Patterns: [mm]

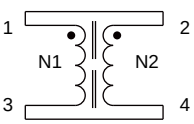


Schematic:





Series

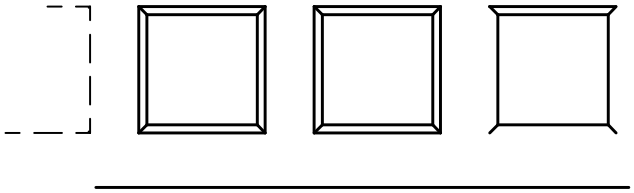


Parallel

Electrical Properties:

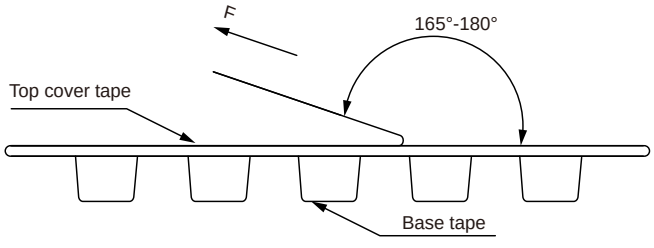
Part No	Inductance @ 100KHz/0.1V (μH)	Tolerance	Temperature Rise Current Typ. (A)		DC Resistance Max. (mΩ)	Hi-POT

Typical Electrical Characteristics:



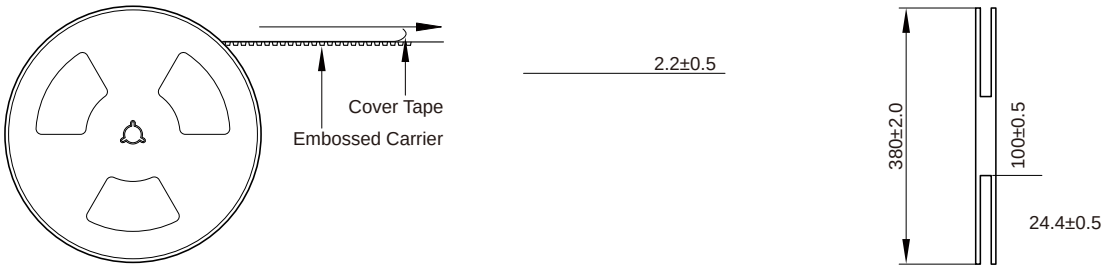
Series	A0 (mm)	B0 (mm)	D (mm)	P0 (mm)	P1 (mm)	W (mm)	K0 (mm)	E (mm)	T (mm)
SDDA1280	12.5±0.1	12.5±0.1	1.5±0.1	4.0±0.1	20.0±0.1	24.0±0.3	8.4±0.1	1.75±0.1	0.50±0.05

Peel force of top cover tape:



The peel force of top cover tape shall be between 0.1 to 1.3 N

Reel Dimension：[mm]



Packaging Quantity:

500 Pcs/Reel	2 Reel /Inner box(1000 Pcs)