

OWIDNR252012-1R0

Miniature NR inductor



Description

Half-shielded magnetic epoxy core

Features

RoHS, Halogen Free and REACH Compliance
Shielded and miniature design
Shielded power inductor
Side soldering process

Applications

Smartphones, tablets and wearable devices DSC, camcorders DC/DC converters etc.

Characteristics

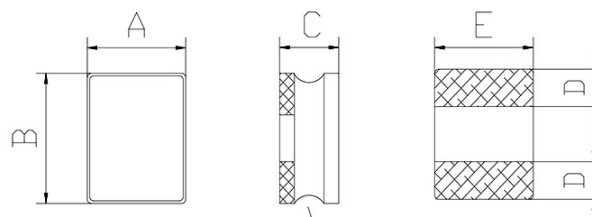
Test Voltage	0.1V
Parameters Test Temp	25°C
Operation temp (Incl temp rise)	-40 to +125°C
Storage Temp	0 to 40°C
Storage Humidity	<70% RH
Resistance to Soldering Heat	260°C for 10 sec
Rated Current	L drops off 30% typ at Isat
Temperature rise	40°C typ. at Irms

Product ID	Inductance [uH]	DCR [mOhm]	Isat [A]	Irms [A]	Irated [mA]	Idc max [mA]	Q (min)	SRF [MHz]	Samples
OWIDNR252012-1R0	1.00 uH	63.70	2.45	2,3					-

When ordering please specify tolerance code Tolerance: M=±20%, P=±25%, N=±30%

Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
2.00	2.50	1.25	0.8	2.6			2.6	1.2	0.7	
+0.35 -0.1	+0.3 -0.1	Max	Ref	Ref			Ref	Ref	Ref	



Magnetic shielding

