

OWIDNR252010

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 (Including temperature 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	DCR [mohm]	Isat [A]	Irms [A]	Irated [mA]	Idc max [mA]	Q (min)	SRF [MHz]
OWIDNR252010-220	1548.00	0.40	0,45				
OWIDNR252010-150	954.00	0.45	0,5				
OWIDNR252010-100	584.00	0.65	0,67				
OWIDNR252010-6R8	451.00	0.80	0,76				
OWIDNR252010-4R7	323.00	0.95	0,92				
OWIDNR252010-3R3	228.00	1.10	1,1				
OWIDNR252010-2R2	148.00	1.55	1,4				
OWIDNR252010-1R5	117.00	1.70	1,55				
OWIDNR252010-1R0	80.00	2.05	1,8				
OWIDNR252010-R68	65.00	2.45	2,2				
OWIDNR252010-R47	44.00	2.50	2,5				

Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
2.00	2.50	1.05	0.82	2.6			2.6	1.25	0.6	
+0.35 -0.1	+0.3 -0.1	Max	Ref	Ref			Ref	Ref	Ref	



