

OWIFNR252012

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High current NR inductor



Description

Ferrite core, semi-shielded magnetic epoxy

Features

RoHS, Halogen Free and REACH Compliance
Shielded and miniature design
Shielded power inductor
Ultra-high saturation current

Applications

Smartphones, tablets
Wearable devices, DSC, camcorders
DC/DC converters etc.

Characteristics

Test Voltage	1.0V
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]
OWIFNR252012-100	500.00	1.10	0,85				
OWIFNR252012-6R8	366.00	1.15	0,95				
OWIFNR252012-4R7	260.00	1.60	1,25				
OWIFNR252012-3R3	163.00	1.70	1,8				
OWIFNR252012-2R2	120.00	2.60	1,9				
OWIFNR252012-1R5	72.00	2.90	2,4				
OWIFNR252012-1R0	54.00	3.10	3				
OWIFNR252012-R68	43.00	3.90	3,15				
OWIFNR252012-R47	35.00	5.10	3,45				
OWIFNR252012-R33	28.00	6.00	3,7				
OWIFNR252012-R24	23.00	7.00	4,05				

Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
2.00 +0.3 -0.1	2.50 +0.3 -0.1	1.25 Max	0.85 Ref				2.4 Ref	1.05 Ref	0.8 Ref	



