

OWIHNR201610

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Miniature with large current NR inductor



Description

Ferrite core, semi-shielded, magnetic epoxy

Features

RoHS, Halogen Free and REACH Compliance
Shielded and miniature design
Shielded power inductor
large 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	-40 to +125°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]
OWIHNR201610-100	864.00	0.50	0,45				
OWIHNR201610-6R8	600.00	0.72	0,55				
OWIHNR201610-4R7	432.00	0.85	0,8				
OWIHNR201610-3R3	280.00	0.90	0,88				
OWIHNR201610-2R2	187.00	1.26	1,2				
OWIHNR201610-1R5	156.00	1.46	1,3				
OWIHNR201610-1R0	95.00	1.50	1,65				
OWIHNR201610-R68	82.00	2.00	2,1				
OWIHNR201610-R47	53.00	2.10	2,2				

Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
1.60	2.00	1.05	0.6				1.8	0.8	0.8	
+0.35 -0.1	+0.3 -0.1	Max	Ref				Ref	Ref	Ref	



