

OWIFNR252010

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 (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 [µH]	DCR [mOhm]	Isat [A]	Irms [A]	Irated [mA]	Idc max [mA]	Q (min)	SRF [MHz]	Samples
OWIFNR252010-100	10.00	600.00	1.00	0.80					Request samples
OWIFNR252010-6R8	6.80	420.00	1.00	0.90					Request samples
OWIFNR252010-4R7	4.70	276.00	1.00	1.10					Request samples
OWIFNR252010-3R3	3.30	235.00	2.00	1.20					Request samples
OWIFNR252010-2R2	2.20	155.00	2.00	1.60					Request samples
OWIFNR252010-1R5	1.50	101.00	3.00	2.10					Request samples
OWIFNR252010-1R0	1.00	76.00	3.00	2.50					Request samples
OWIFNR252010-R68	0.68	59.00	4.00	2.80					Request samples
OWIFNR252010-R47	0.47	45.00	5.00	3.20					Request samples
OWIFNR252010-R33	0.33	33.00	5.00	3.85					Request samples
OWIFNR252010-R24	0.24	32.00	7.00	4.00					Request samples

Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
2.00	2.50	1.10	0.85				2.4	1.05	0.8	
+0.3 -0.1	+0.3 -0.1	Max	Ref				Ref	Ref	Ref	

