

OWCWI160808C-3N3

Wire Wound Ceramic Chip Inductor



Description

Inductor series with wire wound ceramic chip

Features

Ceramic body and wire wound construction provides high SRFs
 Exceptional Q value even at high frequencies
 High Q value
 Low DC resistance for low loss

Applications

RF products for cellular phone
 GPS receivers
 Base stations
 Wireless LAN and repeaters
 Mouse/keyboard
 Earphones
 Remote controls
 Security systems etc.

General Specifications

Test Voltage	50mV
Parameters Test Temp	25°C
Operation Temp (Including temperature Rise)	-40°C to +125°C
Storage Temp	1 to 40°C
Storage Humidity	<70% RH
Resistance to Soldering Heat	260°C for 10 sec
Rated Current	40°C typ. at Irms
Temperature Rise	

Inductance	Ltol.	Test freq.	DCR [mΩ]	Isat [A]	Irms [A]	Irated [mA]	Idc max [mA]	Q (min)	SRF[MHz]
3.30 nH	J, K, M	250 MHz	75.00	0.00			700	20	5900

When ordering please specify tolerance code: J=±5%, K=±10%, M=±20%

Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
1.78	1.10	0.95	0.3				1.02	0.64	0.64	
Max	Max	Max	Ref				Ref	Ref	Ref	



