

OWFWI201209HC

Wire wound ferrite inductor



Description

Inductor series with wire wound ceramic chip

Features

Very strong solderability by flow soldering and soldering iron
Highly accurate dimensions
Terminals are highly resistant to pulling forces.
Highly resistant to mechanical shock and pressure.
Highly reliable in environments of sudden temperature change and humidity.
Excellent Q characteristics.

Applications

LCDs, video cameras, portable VCRs
Car stereos
Mobile telephones
Radios and other electronic devices.

Characteristics

Test Voltage	50mV
Parameters Test Temp	25°C
Operation Temp (Incl temp rise)	-40°C to +85°C
Storage Temp	-10~40°C
Storage Humidity	<70% RH
Resistance to Soldering Heat	260°C for 10 sec
Rated Current	40°C typ. at Irms
Temperature rise	

Product ID	Inductance [uH]	DCR [mOhm]	Isat [A]	Irms [A]	Irated [mA]	Idc max [mA]	Q (min)	SRF [MHz]	Samples
OWFWI201209HC-2R2	2.20	220.00	-	1040.00		740	13	87	Request samples
OWFWI201209HC-4R7	4.70	430.00	-	840.00		520	14	51	Request samples
OWFWI201209HC-6R8	6.80	680.00	-	700.00		420	14	46	Request samples
OWFWI201209HC-100	10.00	850.00	-	560.00		360	14	31	Request samples
OWFWI201209HC-150	15.00	1400.00	-	380.00		300	15	28	Request samples
OWFWI201209HC-220	22.00	1760.00	-	340.00		240	15	20	Request samples

Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
2.40	1.65	1.30	1.28	0.48			1.5	1.02	0.96	
Max	Max	Max	Typ	Ref			Ref	Ref	Ref	

