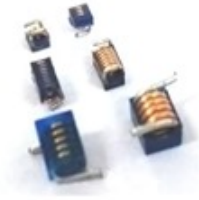


OWA4015

Air coil inductor



Description

Circular air core inductor

Features

High Q
 High current handling
 Low loss
 Low DCR

Applications

Base Stations
 LNAs and LNBs for satellite

Characteristics

Test Voltage

Parameters Test Temp	25°C
Operation Temp (Incl temp rise)	-40°C to +125°C
Storage Temp	0 to 40°C
Storage Humidity	<70% RH
Resistance to Soldering Heat	260°C for 10 sec
Rated Current	
Temperature rise	40°C typ. at Irms

Product ID	Inductance [uH]	DCR [mOhm]	Isat [A]	Irms [A]	Irated [mA]	Idc max [mA]	Q (min)	SRF [MHz]	Samples
OWA4015-06T	5.60	10.50	-	1.60			100	3000	Request samples
OWA4015-07T	7.15	11.50	-	1.60			100	3000	Request samples
OWA4015-08T	8.80	13.50	-	1.60			100	3000	Request samples
OWA4015-09T	9.85	14.50	-	1.60			100	3000	Request samples
OWA4015-10T	12.55	15.50	-	1.60			100	3000	Request samples

Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
4.00	1.40	1.40	3.5	0.9		2.46	0.79	2.71	1	Fig. 1
±0.3	±0.3	±0.3	±0.3	±0.4		Ref	Ref	Ref	Ref	

Fig.1

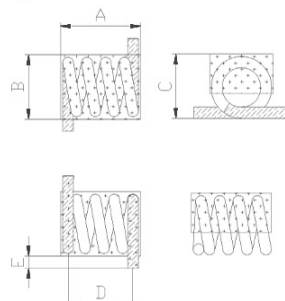


Fig.2

