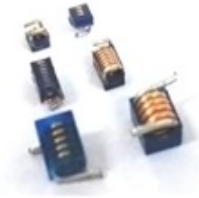


OWA2215

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 (Including temperature 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 I_{rms}**

Product ID	DCR [mohm]	I _{sat} [A]	I _{rms} [A]	I _{rated} [mA]	I _{dc max} [mA]	Q (min)	SRF [MHz]
OWA2215-02T	5.50	0.00	1,6		100	3000	
OWA2215-03T	6.50	0.00	1,6		100	3000	
OWA2215-04T	7.50	0.00	1,6		100	3000	
OWA2215-05T	9.50	0.00	1,6		100	3000	

Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
2.20 ±0.3	1.40 ±0.3	1.40 ±0.3	1.8 ±0.3	0.9 ±0.4		2.46 Ref	0.79 Ref	1.01 Ref	1 Ref	Fig. 1

Fig.1

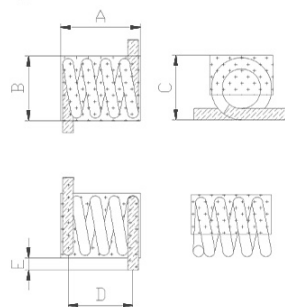


Fig.2

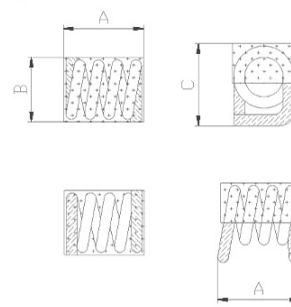


Fig.1

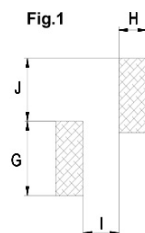


Fig.2

