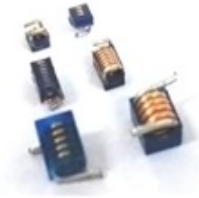


OWA3730

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]
OWA3730-01T	0.80	0.00	4		145	3000	
OWA3730-02T	1.50	0.00	4		140	3000	
OWA3730-03T	2.30	0.00	4		140	3000	
OWA3730-04T	3.00	0.00	4		137	3000	
OWA3730-05T	3.90	0.00	4		132	2500	

Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
3.30	2.60	2.70	2.9	0.7		3.3	1.27	1.63	2.8	Fig. 1
±0.3	±0.3	±0.3	±0.3	±0.4		Ref	Ref	Ref	Ref	

Fig.1

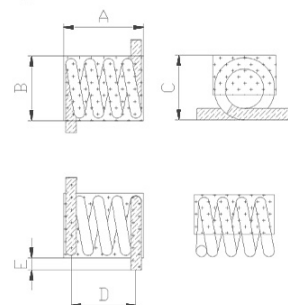


Fig.2

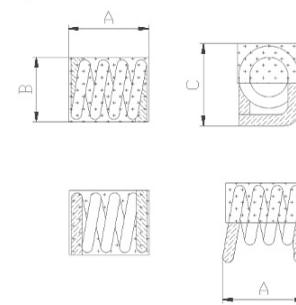


Fig.1

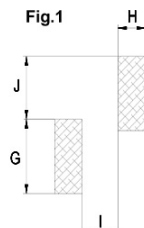


Fig.2

