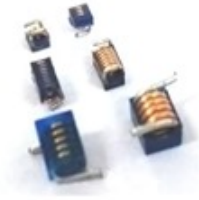


OWA132

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 [µH]	DCR [mOhm]	Isat [A]	Irms [A]	Irated [mA]	Idc max [mA]	Q (min)	SRF [MHz]	Samples
OWA132-09T	90.00	14.00	-	3.50			100	1000	Request samples
OWA132-10T	111.00	9.50	-	3.50			100	1000	Request samples
OWA132-11T	130.00	10.80	-	3.00			100	900	Request samples
OWA132-12T	169.00	12.00	-	3.00			100	800	Request samples
OWA132-13T	206.00	10.50	-	3.00			100	700	Request samples
OWA132-14T	222.00	14.00	-	3.00			100	600	Request samples
OWA132-15T	246.00	17.00	-	3.00			100	600	Request samples
OWA132-16T	307.00	22.00	-	3.00			100	500	Request samples
OWA132-17T	380.00	25.50	-	2.50			100	500	Request samples
OWA132-18T	422.00	39.00	-	2.50			100	400	Request samples
OWA132-19T	491.00	40.00	-	2.00			100	400	Request samples
OWA132-20T	538.00	42.00	-	2.00			100	400	Request samples

Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
9.50	4.50	4.60	8	1.3		4.7	2.04	5.96	2.41	Fig. 1
Max	±0.5	±0.4	±0.5	±0.4		Ref	Ref	Ref	Ref	

Fig.1

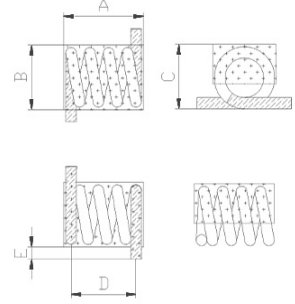


Fig.2

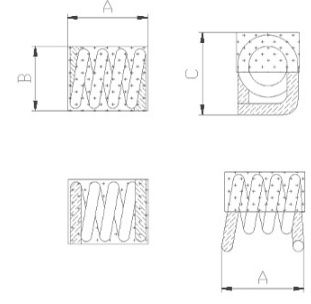


Fig.1

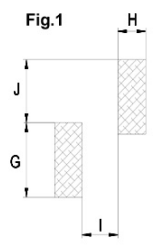


Fig.2

