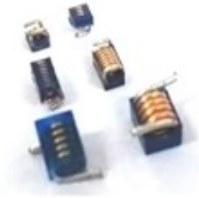


OWA0805-3N9K

Air-Core Coil



Description

Circular air core inductor

Features

High Q
High current handling
Low loss
Low DCR

Applications

Base Stations
LNAs and LNBs for satellite

General Specifications

Test Voltage	
Parameters Test Temp	25°C
Operation Temp	-40°C to +125°C
(Including temperature Rise)	
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

Inductance	Ltol.	Test freq.	DCR [mΩ]	Isat [A]	Irms [A]	Irated [mA]	Idc max [mA]	Q (min)	SRF[MHz]
3.90 nH	±10%	300 MHz	2.60	0.00	1,2			80	3000

Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
2.85	1.80	2.10				2.3	1.02	0.76		Fig. 2
Max	Max	Max				Ref	Ref	Ref		

Fig.1

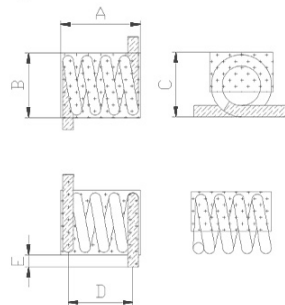


Fig.2

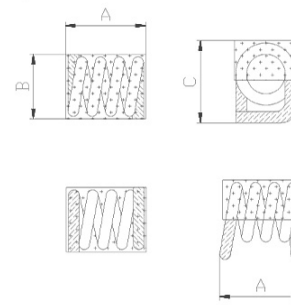


Fig.1

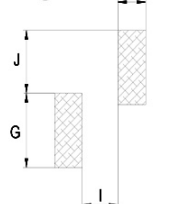


Fig.2

