

OWIB7032C

High saturation inductor



Description

Inductor

Features

RoHS, Halogen Free and REACH Compliance
Magnetic shielded
Various package size and wide inductance range

Applications

AP Routers
STBs
LCD TVs and monitors
Game consoles
LED lightings
DC/DC converters

Characteristics

Test Voltage	0.25V
Parameters Test Temp	25°C
Operation Temp (Including temperature Rise)	-40°C to +125°C
Storage Temp	2 to 40°C
Storage Humidity	<70% RH
Resistance to Soldering Heat	260°C for 10 sec
Rated Current	L drops off 35% typ at Isat
Temperature Rise	40°C typ. at Irms

Product ID	DCR [mohm]	Isat [A]	Irms [A]	Irated [mA]	Idc max [mA]	Q (min)	SRF [MHz]
OWIB7032C-3R3	29.30	1.90	2,6				
OWIB7032C-4R7	39.00	1.70	2,3				
OWIB7032C-6R8	49.20	1.60	2,1				
OWIB7032C-100	63.60	1.40	1,8				
OWIB7032C-150	90.00	1.10	1,4				
OWIB7032C-220	132.00	0.96	1,1				
OWIB7032C-330	192.00	0.75	0,95				
OWIB7032C-470	288.00	0.67	0,72				
OWIB7032C-680	372.00	0.59	0,63				
OWIB7032C-101	540.00	0.45	0,48				
OWIB7032C-151	780.00	0.37	0,39				
OWIB7032C-221	1260.00	0.29	0,32				
OWIB7032C-331	2004.00	0.22	0,25				
OWIB7032C-471	2460.00	0.20	0,22				
OWIB7032C-681	3780.00	0.16	0,18				
OWIB7032C-102	5730.00	0.13	0,15				

Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
7.00 ±0.3	7.00 ±0.3	3.20 ±0.3	2 Ref	1.5 Ref	4 Ref		2.2 Ref	2.15 Ref	3.7 Ref	Fig.2

Fig.1

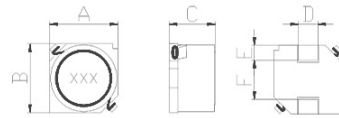


Fig.2

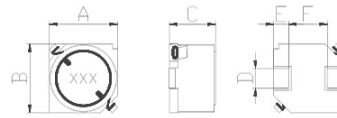


Fig.3

