

OWIB10145C

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	5 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]
OWIB10145C-3R3	19.30	4.90	3,7				
OWIB10145C-5R6	26.40	3.80	3,2				
OWIB10145C-100	43.60	3.00	2,5				
OWIB10145C-150	56.60	2.40	2,2				
OWIB10145C-220	70.90	2.10	1,9				
OWIB10145C-330	97.80	1.60	1,7				
OWIB10145C-470	120.00	1.40	1,5				
OWIB10145C-680	168.00	1.20	1,3				
OWIB10145C-101	240.00	1.00	1,1				
OWIB10145C-151	420.00	0.79	0,81				
OWIB10145C-221	564.00	0.65	0,7				
OWIB10145C-331	816.00	0.54	0,58				
OWIB10145C-471	1236.00	0.47	0,47				
OWIB10145C-681	1920.00	0.38	0,38				
OWIB10145C-102	3360.00	0.32	0,29				
OWIB10145C-152	4080.00	0.22	0,26				

Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
10.10 ±0.3	10.10 ±0.3	4.50 ±0.3	3 Ref	2 Ref	6 Ref		3.2 Ref	2.5 Ref	5.6 Ref	Fig.2

Fig.1

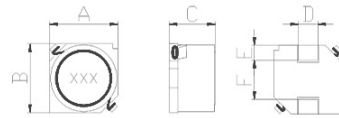


Fig.2

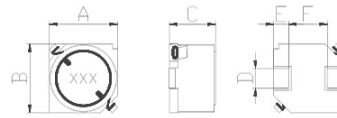


Fig.3

