

OWIB12565C

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	7 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]
OWIB12565C-2R0	15.00	10.00	6,2				
OWIB12565C-4R2	19.00	7.30	5,5				
OWIB12565C-7R0	21.20	5.70	5				
OWIB12565C-100	24.20	5.00	4,8				
OWIB12565C-150	28.40	4.20	4,4				
OWIB12565C-220	37.90	3.50	3,8				
OWIB12565C-330	58.80	2.80	3,4				
OWIB12565C-470	69.30	2.40	2,8				
OWIB12565C-680	94.40	2.00	2,4				
OWIB12565C-101	147.00	1.60	1,9				
OWIB12565C-221	327.00	1.00	1,2				
OWIB12565C-102	1375.00	0.30	0,3				

Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
12.50 ±0.3	12.50 ±0.3	6.50 ±0.3	3 Ref	2 Ref	8.5 Ref		3.2 Ref	2.8 Ref	8 Ref	Fig.3

Fig.1

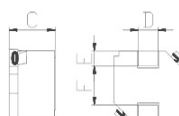


Fig.2

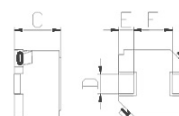


Fig.3

