

OWIB6025C

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	0 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]
OWIB6025C-2R2	32.00	1.70	1,9				
OWIB6025C-4R7	39.70	1.50	1,8				
OWIB6025C-5R6	53.00	1.40	1,6				
OWIB6025C-6R8	57.40	1.30	1,5				
OWIB6025C-100	74.50	1.00	1,3				
OWIB6025C-150	110.00	0.88	1,1				
OWIB6025C-220	158.00	0.73	0,94				
OWIB6025C-330	234.00	0.59	0,79				
OWIB6025C-470	312.00	0.48	0,67				
OWIB6025C-680	481.00	0.42	0,54				
OWIB6025C-101	650.00	0.33	0,47				

Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
6.00 ±0.3	6.00 ±0.3	2.50 ±0.3	2 Ref	1.5 Ref	3 Ref		2.2 Ref	2.15 Ref	2.7 Ref	Fig.1



