

OWIB7055C

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	4 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]
OWIB7055C-1R5	22.60	6.20	4				
OWIB7055C-2R2	28.20	5.30	3,5				
OWIB7055C-3R3	31.20	4.30	3,3				
OWIB7055C-3R9	33.80	4.00	3,2				
OWIB7055C-4R7	36.40	3.60	3,1				
OWIB7055C-6R8	44.20	3.00	2,8				
OWIB7055C-100	50.80	2.60	2,5				
OWIB7055C-150	66.00	2.10	2,2				
OWIB7055C-180	74.00	1.90	2,1				
OWIB7055C-220	83.60	1.70	2				
OWIB7055C-330	114.00	1.40	1,6				
OWIB7055C-470	169.00	1.20	1,3				
OWIB7055C-680	260.00	0.90	1,1				
OWIB7055C-101	381.00	0.80	0,9				

Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
7.00 ±0.3	7.00 ±0.3	5.50 ±0.3	2 Ref	1.5 Ref	4 Ref		2.2 Ref	2.15 Ref	3.7 Ref	Fig.2

Fig.1

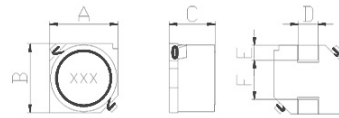


Fig.2

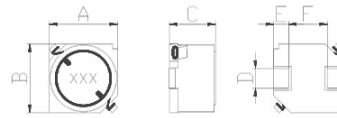


Fig.3

