

OWIB12575C

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	8 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]
OWIB12575C-1R2	8.28	13.00	8,2				
OWIB12575C-2R7	11.30	10.00	7				
OWIB12575C-3R3	12.30	9.50	8,6				
OWIB12575C-3R9	13.50	9.00	6,7				
OWIB12575C-5R6	15.00	7.80	6,3				
OWIB12575C-6R8	17.00	7.20	5,9				
OWIB12575C-100	20.20	5.50	5,4				
OWIB12575C-150	23.90	4.70	5				
OWIB12575C-220	34.10	4.00	4				
OWIB12575C-330	51.30	3.20	3,4				
OWIB12575C-470	68.60	2.70	3				
OWIB12575C-680	101.00	2.00	2,4				
OWIB12575C-101	162.00	1.90	1,9				
OWIB12575C-151	228.00	1.50	1,6				
OWIB12575C-221	335.00	1.30	1,3				
OWIB12575C-331	408.00	0.90	1				
OWIB12575C-471	660.00	0.85	0,85				

Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
12.50 ±0.3	12.50 ±0.3	7.50 ±0.3	3 Ref	2 Ref	8.5 Ref		3.2 Ref	2.8 Ref	8 Ref	Fig.3

Fig.1

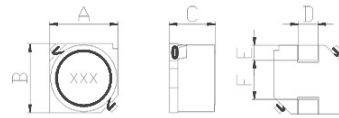


Fig.2

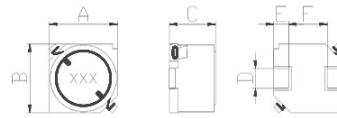


Fig.3

