

OWIR125B

Shielded CD inductor



Description
SMD Power inductor

Features
High performance inductor
RoHS, Halogen Free and Reach compliant

Applications
Power supply for VTR, OA equipment
LCD television set, notebook PC
Portable communication, equipment
DC/DC converters, etc.

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]
OWIR125B-2R2	12.00	4.00	4				
OWIR125B-4R7	30.00	3.50					
OWIR125B-8R2	40.00	2.95					
OWIR125B-100	50.00	2.65	6				
OWIR125B-120	55.00	2.50	5,4				
OWIR125B-150	60.00	2.45	5,1				
OWIR125B-180	65.00	2.40	4,8				
OWIR125B-220	70.00	2.20	4,32				
OWIR125B-270	80.00	2.00	3,88				
OWIR125B-330	110.00	1.65	3,49				
OWIR125B-470	120.00	1.50	2,82				
OWIR125B-560	150.00	1.38	2,67				
OWIR125B-680	170.00	1.26	2,53				
OWIR125B-820	200.00	1.14	2,4				
OWIR125B-101	250.00	1.05	2,28				
OWIR125B-121	280.00	0.95	2,17				

Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
12.50 ±0.5	11.50 ±0.5	5.90 Max	4 Ref				12 Ref	5 Ref	3.5 Ref	

