

OWIPL1009

SMD Power inductor



Description

SMD Power inductor

Features

RoHS, Halogen Free and REACH Compliance
 Magnetic shielded
 Handles high transient current spikes without saturation
 Customized specifications available

Applications

Graphic cards
 PCs
 Servers etc.

General Specifications

Test Voltage	1.0V
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 25% 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]
OWIPL1009-R22	1.60	55.00	22				
OWIPL1009-R33	1.60	42.00	22				
OWIPL1009-R47	1.85	36.00	20				
OWIPL1009-R56	1.85	32.00	20				
OWIPL1009-R68	2.65	28.00	17				
OWIPL1009-R82	2.65	24.00	17				
OWIPL1009-1R0	2.65	21.00	17				
OWIPL1009-1R5	4.00	17.00	13,5				
OWIPL1009-2R2	5.30	14.00	12				
OWIPL1009-3R3	7.70	10.00	11				
OWIPL1009-4R7	10.80	8.50	10				
OWIPL1009-6R8	16.90	7.00	9				
OWIPL1009-8R2	16.90	6.00	9				
OWIPL1009-100	26.00	5.00	7				

Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
11.30	10.30	9.50	3	1.6			3.6	2.2	6.9	
Max	Max	Max	Ref	Ref			Ref	Ref	Ref	

