

# OWIPL1009-R56

## 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	<b>L drops off 25% typ at Isat</b>
Temperature Rise	40°C typ. at Irms

Inductance	Ltol.	Test freq.	DCR [mΩ]	Isat [A]	Irms [A]	Irated [mA]	Idc max [mA]	Q (min)	SRF[MHz]
0.56 uH	M, P, N	100 kHz	1.85	32.00	20				

When ordering please specify tolerance code Tolerance: M=±20%, P=±25%, N=±30%

## 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	

