

# OWIPL1009-R22

## 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	<b>1.0V</b>
Parameters Test Temp	<b>25°C</b>
Operation Temp (Including temperature Rise)	<b>-40°C to +125°C</b>
Storage Temp	<b>0 to 40°C</b>
Storage Humidity	<b>&lt;70% RH</b>
Resistance to Soldering Heat	<b>260°C for 10 sec</b>
Rated Current	<b>L drops off 25% typ at Isat</b>
Temperature Rise	<b>40°C typ. at Irms</b>

Inductance [ $\mu$ H]	Ltol.	Test freq.	DCR [ $m\Omega$ ]	Isat [A]	Irms [A]	Irated [mA]	Idc max [mA]	Q (min)	SRF[MHz]
0.22	M, P, N	100 kHz	1.60	55.00	22				

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

## 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	

