

# OWI75-1R5

## SMD Power inductor



### Description

SMD Power inductor

### Features

RoHS, Halogen Free and Reach compliant  
 Unshielded power inductor  
 Various package size and wide inductance range

### Applications

Graphic cards  
 DC/DC Converters 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 10% typ at Isat
Temperature Rise	40°C typ. at Irms

Inductance [ $\mu$ H]	Ltol.	Test freq.	DCR [ $m\Omega$ ]	Isat [A]	Irms [A]	Irated [mA]	Idc max [mA]	Q (min)	SRF[MHz]
1.50	K, L, M, N	100 kHz	18.00	5.00					

When ordering please specify tolerance code Tolerance: K= $\pm$ 10%, L= $\pm$ 15%, M= $\pm$ 20%, N= $\pm$ 30%

## Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
7.80	7.00	5.00	2.5				7.5	3.35	2.1	
$\pm$ 0.3	$\pm$ 0.3	$\pm$ 0.3	Ref				Ref	Ref	Ref	

