

# OWI43-470

## 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	Ltol.	Test freq.	DCR [mΩ]	Isat [A]	Irms [A]	Irated [mA]	Idc max [mA]	Q (min)	SRF[MHz]
47.00 uH	K, L, M, N	100 kHz	800.00	0.65					

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

## Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
4.50	4.00	3.20	1.6				4.5	2.15	1.2	
±0.3	±0.3	±0.3	Ref				Ref	Ref	Ref	

