

# OWIRH6D38-1R0

## SMD Power inductor



### Description

Gold plating metal base, 2pins

### Features

RoHS, Halogen Free and REACH Compliance  
 Shielded power inductor  
 Various package sizes  
 Wide inductance range

### Applications

Power supply for VTR, OA equipment  
 LCD television, notebook PC  
 Portable communication equipment  
 DC/DC converters, etc.

### General Specifications

Test Voltage	<b>0.25V</b>
Parameters Test Temp	<b>25°C</b>
Operation Temp (Including temperature Rise)	<b>-40°C to +125°C</b>
Storage Temp	<b>0~40°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 35% typ at Isat</b>
Temperature Rise	

Inductance	Ltol.	Test freq.	DCR [mΩ]	Isat [A]	Irms [A]	Irated [mA]	Idc max [mA]	Q (min)	SRF[MHz]
1.00 uH	K, L, M, N	100 kHz	10.00	4.50					

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
6.70	6.70	4.00	9.5	2			7.3	2.65	2	
±0.3	±0.3	Max	Max	Ref			Ref	Ref	Ref	

