

# OWIRH127-1R2

## SMD power inductor



### Description

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	0.25V
Parameters Test Temp	25°C
Operation Temp (Including temperature Rise)	-40°C to +125°C
Storage Temp	0~40°C
Storage Humidity	<70% RH
Resistance to Soldering Heat	260°C for 10 sec
Rated Current	<b>L drops off 35% typ at Isat</b>
Temperature Rise	40°C typ. at I <sub>rms</sub>

Inductance	Ltol.	Test freq.	DCR [mΩ]	Isat [A]	I <sub>rms</sub> [A]	I <sub>rated</sub> [mA]	I <sub>dc max</sub> [mA]	Q (min)	SRF[MHz]
1.20 uH	K, L, M, N	100 kHz	7.00	15.00					

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
12.50	12.50	8.00	5	7.6			5.4	3	7	Fig. 2
Max	Max	Max	Ref	Ref			Ref	Ref	Ref	

