

# OWI0520LC-1R1

## SMD Power inductor



### Description

SMD Power inductor

### Features

RoHS, Halogen Free and REACH Compliance

### Applications

Power supply for VTR, OA equipment  
 LCD television set, 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 to 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 Irms

Inductance [μH]	Ltol.	Test freq.	DCR [mΩ]	Isat [A]	Irms [A]	Irated [mA]	Idc max [mA]	Q (min)	SRF[MHz]
1.10	M, P, N	100 kHz	44.00	2.15	2,3				

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

## Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
5.00	5.00	2.20	4.1	1.75	0.66		2.2	1.5	3.8	Fig.1
±0.3	±0.3	Max	Ref	Ref	Ref		Ref	Ref	Ref	

Fig.1

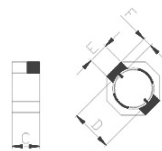
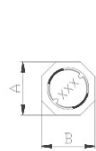


Fig.2

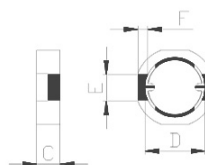
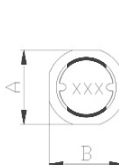


Fig.1

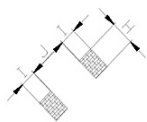


Fig.2

