

# OWI0630CB-1R0

## SMD Power inductor



### Description

SMD Power inductor

### Features

RoHS, Halogen Free and REACH Compliance  
 Magnetically shielded and low DC resistance  
 Suitable for large currents.  
 Available on tape reel for auto-insertion  
 Ideal for a variety of DC-DC converter applications.

### 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	L drops off 35% typ at Isat
Temperature Rise	

Inductance [ $\mu$ H]	Ltol.	Test freq.	DCR [ $m\Omega$ ]	Isat [A]	I <sub>rms</sub> [A]	I <sub>rated</sub> [mA]	I <sub>dc max</sub> [mA]	Q (min)	SRF[MHz]
1.00	M, P, N	100 kHz	15.40	3.59	3,84				

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
6.30	6.30	3.10	2				2.4	1.45	4.3	Fig.1
Max	Max	Max	Ref				Ref	Ref	Ref	

