

# OWI0403C-1R0

## SMD Power inductor



### Description

SMD Power inductor

### Features

RoHS, Halogen Free and REACH compliance  
Magnetic shielded  
Good energy storage and low resistance

### Applications

Flash memory programmers  
Electric motors  
Power supply for VTR, OA equipment  
LCD television set, notebook PC  
Portable communication, equipment  
DC/DC converters, etc.

### General Specifications

Test Voltage	0.1V
Parameters Test Temp	20°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 [ $\mu$ H]	Ltol.	Test freq.	DCR [ $m\Omega$ ]	Isat [A]	Irms [A]	Irated [mA]	Idc max [mA]	Q (min)	SRF[MHz]
1.00	L, M, P, N	100 kHz	0.04	0.00	3				200

When ordering please specify tolerance code Tolerance: L= $\pm$ 15%, M= $\pm$ 20%, P= $\pm$ 25%, N= $\pm$ 30%

## Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
6.60	4.45	2.92	1.27	1.02	4.32		3.56	1.4	4.06	Fig. 1
Max	Max	Max	Ref	Ref	Ref		Ref	Ref	Ref	

