

OWI0804C-1R0

SMD Power inductor



Description

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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 [μ 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	0.02	5.60	5				110

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
13.21	9.40	5.08	2.54	2.54	7.62		2.79	2.92	7.37	Fig. 2
Max	Max	Max	Ref	Ref	Ref		Ref	Ref	Ref	

