

OWI0740CB-1R0

SMD Power inductor



Description

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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 [μ H]	Ltol.	Test freq.	DCR [$m\Omega$]	Isat [A]	I _{rms} [A]	I _{rated} [mA]	I _{dc max} [mA]	Q (min)	SRF[MHz]
1.00	M, P, N	100 kHz	7.00	7.30	7,3				

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
8.00	8.00	4.00	2.5				3	2.25	5	Fig.2
Max	Max	Max	Ref				Ref	Ref	Ref	

