

OWI0630LC-1R0

SMD Power inductor



Description

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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	L drops off 35% typ at Isat
Temperature Rise	40°C typ. at Irms

Inductance	Ltol.	Test freq.	DCR [mΩ]	Isat [A]	Irms [A]	Irated [mA]	Idc max [mA]	Q (min)	SRF[MHz]
1.00 uH	M, P, N	100 kHz	14.70	3.59	4,05				

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
6.50	5.80	3.00	4.8	2.5	0.6		2.8	1.6	4	Fig.2
±0.3	±0.3	Max	Ref	Ref	Ref		Ref	Ref	Ref	

Fig.1

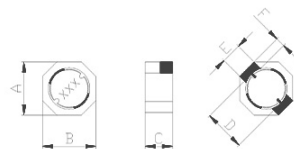


Fig.2

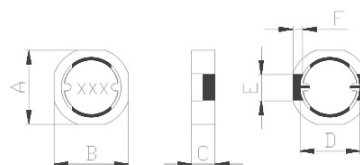


Fig.1

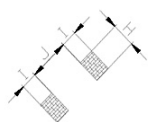


Fig.2

