

OWIR74B-1R0

SMD Power inductor



Description

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Features

High performance inductor
RoHS, Halogen Free and Reach compliant

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 [μ H]	Ltol.	Test freq.	DCR [$m\Omega$]	Isat [A]	Irms [A]	Irated [mA]	Idc max [mA]	Q (min)	SRF[MHz]
1.00	K, L, M, N	100 kHz	35.00	3.50	3,8				

When ordering please specify tolerance code Tolerance: K= \pm 10%, L= \pm 15%, M= \pm 20%, N= \pm 30%

Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
7.80	7.00	4.90	1.9				7.5	3.75	1.5	
\pm 0.3	\pm 0.3	Max	Ref				Ref	Ref	Ref	

