

OWI54-1R0

SMD Power inductor



Description

SMD Power inductor

Features

RoHS, Halogen Free and Reach compliant
 Unshielded power inductor
 Various package size and wide inductance range

Applications

Graphic cards
 DC/DC Converters etc.

General Specifications

Test Voltage	1.0V
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 10% 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	K, L, M, N	100 kHz	25.00	4.70					

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

Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
5.80	5.20	4.50	2				5.5	2.4	2	
±0.3	±0.3	±0.3	Ref				Ref	Ref	Ref	

