

OWIPL1009-R82

SMD Power inductor



Description

SMD Power inductor

Features

RoHS, Halogen Free and REACH Compliance
 Magnetic shielded
 Handles high transient current spikes without saturation
 Customized specifications available

Applications

Graphic cards
 PCs
 Servers 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 25% 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]
0.82	M, P, N	100 kHz	2.65	24.00	17				

When ordering please specify tolerance code Tolerance: M= \pm 20%, P= \pm 25%, N= \pm 30%

Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
11.30	10.30	9.50	3	1.6			3.6	2.2	6.9	
Max	Max	Max	Ref	Ref			Ref	Ref	Ref	

