

OWIPL1009

High transient current, shielded



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.

Characteristics

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

Product ID	DCR [mohm]	Isat [A]	Irms [A]	Irated [mA]	Idc max [mA]	Q (min)	SRF [MHz]
OWIPL1009-R22	1.60	55.00	22				
OWIPL1009-R33	1.60	42.00	22				
OWIPL1009-R47	1.85	36.00	20				
OWIPL1009-R56	1.85	32.00	20				
OWIPL1009-R68	2.65	28.00	17				
OWIPL1009-R82	2.65	24.00	17				
OWIPL1009-1R0	2.65	21.00	17				
OWIPL1009-1R5	4.00	17.00	13,5				
OWIPL1009-2R2	5.30	14.00	12				
OWIPL1009-3R3	7.70	10.00	11				
OWIPL1009-4R7	10.80	8.50	10				
OWIPL1009-6R8	16.90	7.00	9				
OWIPL1009-8R2	16.90	6.00	9				
OWIPL1009-100	26.00	5.00	7				

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	

