

OWIHP1260M

Carbonyl powder molded



Description

Molded series with Alloy metal powder

Features

High rated current
Frequency up to 3 MHz
125 deg. maximum total operation temperature
Low core loss
Ultra low buzz noise due to molding construction
Halogen Free & ROHS compliant

Applications

Laptops and PCs
Switch and servers
Base stations
DC/DC converters
Battery powered devices
SSD modules

Characteristics

Test Voltage	1.0V
Parameters Test Temp	20°C
Operation Temp (Including temperature Rise)	-55 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 30% 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]
OWIHP1260M-4R7	9.00	24.00	15				
OWIHP1260M-5R6	11.00	22.50	13				
OWIHP1260M-6R8	13.50	19.00	12				
OWIHP1260M-8R2	16.00	13.50	11				
OWIHP1260M-100	20.70	12.50	10				
OWIHP1260M-150	29.00	9.00	8,5				
OWIHP1260M-180	35.00	8.00	7,5				
OWIHP1260M-220	39.50	7.50	7				
OWIHP1260M-330	75.00	6.00	5,5				
OWIHP1260M-470	90.00	5.50	5,5				
OWIHP1260M-680	140.00	4.50	4				
OWIHP1260M-101	200.00	3.50	3				
OWIHP1260M-151	350.00	2.70	1,5				

Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
13.45 ±0.35	12.60 ±0.3	5.80 ±0.2	2 Ref	5 Ref			5.5 Ref	3.25 Ref	8 Ref	

