

OWIHP0640M

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]
OWIHP0640M-2R2	14.00	11.00	9				
OWIHP0640M-4R7	30.00	9.00	7				
OWIHP0640M-150	110.00	4.50	3,5				

Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
7.00 ±0.3	6.60 ±0.2	3.80 ±0.2	1.6 Ref	3 Ref			3.5 Ref	2.35 Ref	3.7 Ref	



