

# 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 (Incl temp 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	<b>L drops off 30% typ at Isat</b>
Temperature rise	40°C typ. at Irms

Product ID	Inductance [µH]	DCR [mOhm]	Isat [A]	Irms [A]	Irated [mA]	I <sub>dc</sub> max [mA]	Q (min)	SRF [MHz]	Samples
<a href="#">OWIHP0640M-2R2</a>	2.20	14.00	11.00	9.00					<a href="#">Request samples</a>
<a href="#">OWIHP0640M-4R7</a>	4.70	30.00	9.00	7.00					<a href="#">Request samples</a>
<a href="#">OWIHP0640M-150</a>	15.00	110.00	5.00	3.50					<a href="#">Request samples</a>

### Shape and dimensions [mm]

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



