

# OWIHPM0630

## Composite injection mold inductor



### Description

Composite injection mold inductor

### Features

Excellent current handling  
 Exceptionally low DCR  
 Soft saturation  
 Composite construction minimizes audible buzzing.  
 Tin silver over copper terminations  
 Composite material.

### Applications

Perfect for VRM /VRD applications.

### General Specifications

Test Voltage	1.0V
Parameters Test Temp	25°C
Operation Temp (Including temperature Rise)	-55°C to +150°C
Storage Temp	0 to 40°C
Storage Humidity	10% to 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]
OWIHPM0630-4R7	26.00	9.50	6,6				
OWIHPM0630-4R5	25.70	9.60	6,9				
OWIHPM0630-3R3	21.20	11.80	8				
OWIHPM0630-2R2	12.60	15.40	9,8				
OWIHPM0630-1R8	10.50	18.00	13,6				
OWIHPM0630-1R5	9.40	20.00	14,5				
OWIHPM0630-1R2	7.70	21.70	15,8				
OWIHPM0630-1R0	6.30	22.60	17,7				
OWIHPM0630-R68	5.30	24.70	19,8				
OWIHPM0630-R56	3.50	28.60	21,6				
OWIHPM0630-R33	2.60	31.80	24,8				
OWIHPM0630-R18	2.00	40.00	31,5				

## Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
6.60	6.40	2.80	TBD	1,4	2,6		5,6	1,56	2,5	
±0.20	±0.20	±0.20	±0.30	±0.30	±0.30		Ref	Ref	Ref	



