

# OWIHP0615A

Alloy metal molded



## Description

Carbonyl power inductor

## Features

Carbonyl powder inductor, stable performance parameters. Excellent reliability. Low loss and low DCR. Very low leakage flux. Compliant with AEC Q200. Frequency up to 3MHz.

## Applications

Automotive Accessories  
Automotive Infotainment  
Automotive industry components  
Various industrial products

## Characteristics

Test Voltage	1.0V
Parameters Test Temp	25°C
Operation Temp (Incl temp rise)	-55°C to +150°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 25% typ at Isat</b>
Temperature rise	40°C typ. at Irms

Product ID	Inductance [uH]	DCR [mOhm]	Isat [A]	Irms [A]	Irated [mA]	Idc max [mA]	Q (min)	SRF [MHz]	Samples
OWIHP0615A-R22	0.22	5.20	22.00	14.00					<a href="#">Request samples</a>
OWIHP0615A-R33	0.33	7.60	18.00	11.00					<a href="#">Request samples</a>
OWIHP0615A-R47	0.47	10.30	16.00	9.50					<a href="#">Request samples</a>
OWIHP0615A-R68	0.68	15.20	15.00	7.50					<a href="#">Request samples</a>
OWIHP0615A-1R0	1.00	25.80	12.00	6.50					<a href="#">Request samples</a>
OWIHP0615A-1R2	1.20	34.00	11.00	5.60					<a href="#">Request samples</a>
OWIHP0615A-1R5	1.50	42.50	10.00	5.00					<a href="#">Request samples</a>
OWIHP0615A-2R2	2.20	54.00	7.00	4.50					<a href="#">Request samples</a>
OWIHP0615A-3R3	3.30	70.00	6.00	4.20					<a href="#">Request samples</a>
OWIHP0615A-4R7	4.70	108.00	5.00	3.80					<a href="#">Request samples</a>
OWIHP0615A-5R6	5.60	138.00	5.00	3.00					<a href="#">Request samples</a>
OWIHP0615A-6R8	6.80	146.00	4.00	2.60					<a href="#">Request samples</a>
OWIHP0615A-8R2	8.20	184.00	3.00	2.40					<a href="#">Request samples</a>
OWIHP0615A-100	10.00	216.00	3.00	2.30					<a href="#">Request samples</a>

## Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
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7.30  
±0.35

6.60  
±0.30

1.30  
±0.20

1,6  
Ref

3  
Ref

3,5  
Ref

2,35  
Ref

3,7  
Ref

