

OWIHP0624A

Carbonyl power inductor



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

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	<70% RH
Resistance to Soldering Heat	260°C for 10 sec
Rated Current	L drops off 25% 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]
OWIHP0624A-R20	2.80	40.00	23				
OWIHP0624A-R10	1.70	70.00	30				
OWIHP0624A-R15	2.30	45.00	30				
OWIHP0624A-R20	2.80	40.00	23				
OWIHP0624A-R22	3.20	34.00	21				
OWIHP0624A-R33	4.40	30.00	18				
OWIHP0624A-R36	4.60	29.00	17				
OWIHP0624A-R47	5.50	26.00	15				
OWIHP0624A-R56	6.80	24.00	13				
OWIHP0624A-R60	6.90	22.00	13				
OWIHP0624A-R68	7.20	21.00	13				
OWIHP0624A-R82	9.50	17.00	11				
OWIHP0624A-1R0	13.50	16.00	11				
OWIHP0624A-1R5	20.70	15.00	9				
OWIHP0624A-2R2	27.50	14.00	7				
OWIHP0624A-3R3	37.80	10.00	6				
OWIHP0624A-4R7	50.00	9.00	5,5				
OWIHP0624A-5R6	62.00	8.00	5				
OWIHP0624A-6R8	70.50	7.00	4				
OWIHP0624A-8R2	95.00	6.00	3,6				
OWIHP0624A-100	101.00	5.00	3,2				
OWIHP0624A-220	215.00	3.00	1,8				

Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
7.30	6.60	2.20	1,6	3			3,5	2,35	3,7	

±0.35

±0.30

±0.20

Ref

Ref

Ref

Ref

Ref

