

OWIHP1260A

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 (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]
OWIHP1260A-120	23.00	13.50	9,5				
OWIHP1260A-270	56.00	9.00	7				
OWIHP1260A-121	235.00	4.50	3,5				
OWIHP1260A-820	161.00	5.50	4,5				
OWIHP1260A-330	75.00	8.00	6				
OWIHP1260A-560	118.00	6.50	5,3				
OWIHP1260A-680	140.00	6.00	5				
OWIHP1260A-101	200.00	5.00	4				
OWIHP1260A-221	550.00	3.00	2				
OWIHP1260A-180	35.00	12.00	8,5				
OWIHP1260A-151	350.00	4.00	3				
OWIHP1260A-1R0	2.40	45.00	29				
OWIHP1260A-1R2	2.80	44.00	28				
OWIHP1260A-1R5	3.20	43.00	26				
OWIHP1260A-2R2	4.70	34.00	21				
OWIHP1260A-3R3	7.10	28.00	17				
OWIHP1260A-4R7	11.50	25.00	16				
OWIHP1260A-5R6	12.60	22.00	15,5				
OWIHP1260A-6R8	13.80	19.00	15				
OWIHP1260A-8R2	16.00	17.00	11				
OWIHP1260A-100	20.70	15.50	11				
OWIHP1260A-120	23.00	13.50	9,5				
OWIHP1260A-150	29.00	13.00	9				
OWIHP1260A-180	35.00	12.00	8,5				
OWIHP1260A-220	39.50	11.00	8				
OWIHP1260A-270	56.00	9.00	7				
OWIHP1260A-330	75.00	8.00	6				

OWIHP1260A-470	90.00	7.00	5,5
OWIHP1260A-560	118.00	6.50	5,3
OWIHP1260A-680	140.00	6.00	5
OWIHP1260A-820	161.00	5.50	4,5
OWIHP1260A-101	200.00	5.00	4
OWIHP1260A-121	235.00	4.50	3,5
OWIHP1260A-151	350.00	4.00	3
OWIHP1260A-221	550.00	3.00	2

Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
13.50 ±0.5	12.60 ±0.30	5.70 ±0.30	2 Ref	3,5 Ref			5 Ref	3,25 Ref	8 Ref	

