

OWIHP322522PH

Plastic Inductors



Description

Molded series with Plastic powder

Features

RoHS compliant
 Lead-free materials used for the plating on the terminals
 Metal terminals for excellent connection reliability
 High resistance to heat, humidity, mechanical shocks and pressure.
 Accurate dimensions for high precision mounting
 Good heat durability that withstands lead-free compatible reflow soldering.

Applications

High reliability wire wound chip inductors for communication equipment, instrumentation, video & audio.
 Developed with focus on higher density mounting of parts in electric circuits.

General Specifications

Test Voltage	50mV
Parameters Test Temp	25°C
Operation Temp (Including temperature Rise)	-40 to +125°C
Storage Temp	0 to 40°C
Storage Humidity	<70% RH
Resistance to Soldering Heat	245°C for 10 sec
Rated Current	40° typ. at Irms
Temperature Rise	

Product ID	DCR [mohm]	Isat [A]	Irms [A]	Irated [mA]	Idc max [mA]	Q (min)	SRF [MHz]
OWIHP322522PH-1R0	0.16	0.00	770		10	100	
OWIHP322522PH-1R5	0.20	0.00	580		10	80	
OWIHP322522PH-2R2	0.26	0.00	480		10	65	
OWIHP322522PH-3R3	0.33	0.00	400		10	55	
OWIHP322522PH-4R7	0.52	0.00	320		10	45	
OWIHP322522PH-6R8	0.65	0.00	280		10	35	
OWIHP322522PH-100	1.11	0.00	220		15	28	
OWIHP322522PH-150	1.69	0.00	180		15	25	
OWIHP322522PH-220	2.60	0.00	145		15	20	
OWIHP322522PH-330	3.64	0.00	115		15	15	
OWIHP322522PH-390	4.50	0.00	110		15	14	
OWIHP322522PH-470	5.46	0.00	105		15	13	
OWIHP322522PH-680	8.45	0.00	85		15	10	
OWIHP322522PH-	8.71	0.00	80		15	9	

Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
3.20	2.50	2.20	2.9	1	0.6		1.2	1	1.8	
±0.4	±0.2	±0.2	±0.3	Ref	Ref		Ref	Ref	Ref	

