

OWIHP322522PH

Plastic molded



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.

Characteristics

Test Voltage	50mV
Parameters Test Temp	25°C
Operation Temp (Incl temp 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	Inductance [uH]	DCR [mOhm]	Isat [A]	Irms [A]	Irated [mA]	Idc max [mA]	Q (min)	SRF [MHz]	Samples
OWIHP322522PH-1R0	1.00	0.16	-		770		10	100	-
OWIHP322522PH-1R5	1.50	0.20	-		580		10	80	-
OWIHP322522PH-2R2	2.20	0.26	-		480		10	65	-
OWIHP322522PH-3R3	3.30	0.33	-		400		10	55	-
OWIHP322522PH-4R7	4.70	0.52	-		320		10	45	-
OWIHP322522PH-6R8	6.80	0.65	-		280		10	35	-
OWIHP322522PH-100	10.00	1.11	-		220		15	28	-
OWIHP322522PH-150	15.00	1.69	-		180		15	25	-
OWIHP322522PH-220	22.00	2.60	-		145		15	20	-
OWIHP322522PH-330	33.00	3.64	-		115		15	15	-
OWIHP322522PH-390	39.00	4.50	-		110		15	14	-
OWIHP322522PH-470	47.00	5.46	-		105		15	13	-
OWIHP322522PH-680	68.00	8.45	-		85		15	10	-
OWIHP322522PH-820	82.00	8.71	-		80		15	9	-
OWIHP322522PH-101	100.00	9.14	-		75		15	8	-

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	

