

OWIHP453232PH

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 (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]
OWIHP453232PH-1R0	0.11	0.00		1050	10	180	
OWIHP453232PH-1R2	0.12	0.00		1000	10	160	
OWIHP453232PH-1R5	0.15	0.00		950	10	130	
OWIHP453232PH-1R8	0.16	0.00		900	10	100	
OWIHP453232PH-2R2	0.18	0.00		850	10	80	
OWIHP453232PH-2R7	0.20	0.00		800	10	60	
OWIHP453232PH-3R3	0.22	0.00		750	10	45	
OWIHP453232PH-3R9	0.24	0.00		700	10	40	
OWIHP453232PH-4R7	0.27	0.00		650	10	35	
OWIHP453232PH-5R6	0.30	0.00		650	10	30	
OWIHP453232PH-6R8	0.35	0.00		600	10	28	
OWIHP453232PH-8R2	0.40	0.00		600	10	25	
OWIHP453232PH-100	0.50	0.00		550	10	22	
OWIHP453232PH-	0.60	0.00		500	10	21	

120										
OWIHP453232PH-150	0.70	0.00	450	10	20					
OWIHP453232PH-180	0.80	0.00	400	10	19					
OWIHP453232PH-220	0.90	0.00	370	10	18					
OWIHP453232PH-270	1.20	0.00	330	10	16					
OWIHP453232PH-330	1.40	0.00	300	10	14					
OWIHP453232PH-390	1.60	0.00	280	10	12					
OWIHP453232PH-470	1.90	0.00	260	10	11,5					
OWIHP453232PH-560	2.20	0.00	240	10	11					
OWIHP453232PH-680	2.60	0.00	220	10	10					
OWIHP453232PH-820	3.50	0.00	200	10	9					
OWIHP453232PH-101	4.00	0.00	180	20	8					
OWIHP453232PH-121	4.50	0.00	160	20	7,5					
OWIHP453232PH-151	6.50	0.00	140	20	7					
OWIHP453232PH-181	7.50	0.00	120	20	6,5					
OWIHP453232PH-221	9.00	0.00	120	20	5,5					
OWIHP453232PH-271	11.00	0.00	100	20	5					
OWIHP453232PH-331	13.00	0.00	90	20	4					

Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
4.50 ±0.4	3.20 ±0.2	3.20 ±0.2	4.2 ±0.3	1.1 Ref	1 Ref		1.3 Ref	1.4 Ref	2.2 Ref	



