

OWIRH124

HV Power inductor



Description

Metal base, 2pins

Features

RoHS, Halogen Free and REACH
Compliance
Shielded power inductor
Various package sizes
Wide inductance range

Applications

Power supply for VTR, OA equipment
LCD television, notebook PC
Portable communication equipment
DC/DC converters, etc.

Characteristics

Test Voltage	0.25V
Parameters Test Temp	25°C
Operation Temp (Including temperature Rise)	-40°C to +125°C
Storage Temp	0~40°C
Storage Humidity	<70% RH
Resistance to Soldering Heat	260°C for 10 sec
Rated Current	L drops off 35% 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]
OWIRH124-1R0	8.00	12.00					
OWIRH124-1R5	10.00	9.50					
OWIRH124-2R2	12.00	9.10					
OWIRH124-3R3	15.00	8.00					
OWIRH124-3R9	17.00	6.50					
OWIRH124-4R7	18.00	5.70					
OWIRH124-6R8	23.00	4.90					
OWIRH124-100	28.00	4.50					
OWIRH124-120	38.00	4.00					
OWIRH124-150	50.00	3.20					
OWIRH124-180	57.00	3.10					
OWIRH124-220	66.00	2.90					
OWIRH124-270	80.00	2.80					
OWIRH124-330	97.00	2.70					
OWIRH124-390	132.00	2.10					
OWIRH124-470	150.00	1.90					
OWIRH124-560	190.00	1.80					
OWIRH124-680	220.00	1.50					
OWIRH124-820	260.00	1.30					
OWIRH124-101	308.00	1.20					
OWIRH124-121	380.00	1.10					
OWIRH124-151	530.00	0.95					
OWIRH124-181	620.00	0.85					
OWIRH124-221	700.00	0.80					
OWIRH124-271	876.00	0.60					
OWIRH124-331	990.00	0.50					

Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
12.50 Max	12.50 Max	4.50 Max	5 Ref	7.6 Ref			5.4 Ref	3 Ref	7 Ref	Fig. 2

