

OWIRH125

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]
OWIRH125-1R0	6.50	15.20					
OWIRH125-2R7	9.00	10.50					
OWIRH125-3R3	15.00	8.00					
OWIRH125-4R7	18.00	7.60					
OWIRH125-6R8	23.00	5.50					
OWIRH125-8R2	24.00	5.00					
OWIRH125-100	25.00	4.00					
OWIRH125-120	27.00	3.50					
OWIRH125-150	30.00	3.30					
OWIRH125-180	34.00	3.00					
OWIRH125-220	36.00	2.80					
OWIRH125-270	51.00	2.30					
OWIRH125-330	57.00	2.10					
OWIRH125-390	68.00	2.00					
OWIRH125-470	75.00	1.80					
OWIRH125-560	110.00	1.70					
OWIRH125-680	120.00	1.50					
OWIRH125-820	140.00	1.40					
OWIRH125-101	160.00	1.30					
OWIRH125-121	170.00	1.10					
OWIRH125-151	230.00	1.00					
OWIRH125-181	290.00	0.90					
OWIRH125-221	400.00	0.80					
OWIRH125-271	460.00	0.75					
OWIRH125-331	510.00	0.68					
OWIRH125-391	690.00	0.65					
OWIRH125-471	770.00	0.58					
OWIRH125-561	860.00	0.54					

OWIRH125-681	1200.00	0.48
OWIRH125-821	1340.00	0.43
OWIRH125-102	1530.00	0.40

Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
12.50	12.50	6.00	5	7.6			5.4	3	7	Fig. 2
Max	Max	Max	Ref	Ref			Ref	Ref	Ref	

