

OWIRH127

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]
OWIRH127-1R2	7.00	15.00					
OWIRH127-1R5	8.00	12.00					
OWIRH127-2R2	11.50	11.50					
OWIRH127-2R4	11.50	11.00					
OWIRH127-3R3	13.50	9.00					
OWIRH127-3R5	14.00	8.80					
OWIRH127-4R7	15.80	6.80					
OWIRH127-6R1	17.60	6.60					
OWIRH127-6R8	20.00	6.20					
OWIRH127-7R6	20.00	5.90					
OWIRH127-100	21.60	5.40					
OWIRH127-120	24.30	4.90					
OWIRH127-150	27.00	4.50					
OWIRH127-180	39.20	3.90					
OWIRH127-220	43.20	3.60					
OWIRH127-270	45.90	3.40					
OWIRH127-330	64.80	3.00					
OWIRH127-390	72.80	2.75					
OWIRH127-470	100.00	2.50					
OWIRH127-560	110.00	2.35					
OWIRH127-680	140.00	2.10					
OWIRH127-820	160.00	1.95					
OWIRH127-101	220.00	1.70					
OWIRH127-121	250.00	1.60					
OWIRH127-151	280.00	1.42					
OWIRH127-181	350.00	1.30					
OWIRH127-221	390.00	1.16					
OWIRH127-271	560.00	1.06					

OWIRH127-331	640.00	0.95
OWIRH127-391	700.00	0.88
OWIRH127-471	980.00	0.79
OWIRH127-561	1070.00	0.73
OWIRH127-681	1460.00	0.67
OWIRH127-821	1640.00	0.60
OWIRH127-102	1820.00	0.55
OWIRH127-332	7800.00	0.33

Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
12.50	12.50	8.00	5	7.6			5.4	3	7	Fig. 2
Max	Max	Max	Ref	Ref			Ref	Ref	Ref	

