

OWIRH129

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]
OWIRH129-1R0	5.50	19.90					
OWIRH129-1R5	6.00	15.80					
OWIRH129-1R8	6.50	13.40					
OWIRH129-2R5	8.00	12.20					
OWIRH129-3R5	9.70	12.00					
OWIRH129-4R7	11.00	11.00					
OWIRH129-6R8	11.50	10.00					
OWIRH129-7R6	14.50	8.50					
OWIRH129-8R2	15.30	8.30					
OWIRH129-100	17.00	8.20					
OWIRH129-120	18.50	7.04					
OWIRH129-150	25.00	5.22					
OWIRH129-180	26.50	5.15					
OWIRH129-220	29.00	5.12					
OWIRH129-270	45.00	4.50					
OWIRH129-330	53.00	4.25					
OWIRH129-390	56.00	4.00					
OWIRH129-470	63.00	3.60					
OWIRH129-560	68.00	2.85					
OWIRH129-680	93.00	2.76					
OWIRH129-820	99.00	2.62					
OWIRH129-101	126.00	2.31					
OWIRH129-121	154.00	2.05					
OWIRH129-151	174.00	1.80					
OWIRH129-181	191.00	1.66					
OWIRH129-221	246.00	1.64					
OWIRH129-271	400.00	1.55					
OWIRH129-331	386.00	1.28					

OWIRH129-391	500.00	1.10
OWIRH129-471	550.00	1.06
OWIRH129-561	650.00	1.01
OWIRH129-681	730.00	0.83
OWIRH129-821	824.00	0.81
OWIRH129-102	1220.00	0.70
OWIRH129-122	1330.00	0.64
OWIRH129-152	1990.00	0.56
OWIRH129-182	2180.00	0.48
OWIRH129-222	2580.00	0.43
OWIRH129-332	4600.00	0.37

Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
12.50	12.50	10.00	5	7.6			5.4	3	7	Fig. 2
Max	Max	Max	Ref	Ref			Ref	Ref	Ref	

