

# OWIRH2D14

## HV Power inductor



### Description

Gold plating 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 (Incl temp 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	<b>L drops off 35% typ at Isat</b>
Temperature rise	

Product ID	Inductance [µH]	DCR [mOhm]	Isat [A]	Irms [A]	Irated [mA]	Idc max [mA]	Q (min)	SRF [MHz]	Samples
OWIRH2D14-1R0	1.00	48.00	2.00						-
OWIRH2D14-1R2	1.20	65.00	1.80						-
OWIRH2D14-1R5	1.50	68.00	1.80						-
OWIRH2D14-1R8	1.80	78.00	1.65						-
OWIRH2D14-2R2	2.20	96.00	1.50						-
OWIRH2D14-2R7	2.70	106.00	1.35						-
OWIRH2D14-3R3	3.30	125.00	1.20						-
OWIRH2D14-3R9	3.90	138.00	1.10						-
OWIRH2D14-4R1	4.10	159.00	1.05						-
OWIRH2D14-4R7	4.70	169.00	1.00						-
OWIRH2D14-5R6	5.60	188.00	0.95						-
OWIRH2D14-6R8	6.80	213.00	0.85						-
OWIRH2D14-8R2	8.20	281.00	0.80						-
OWIRH2D14-100	10.00	294.00	0.70						-
OWIRH2D14-120	12.00	394.00	0.62						-
OWIRH2D14-220	22.00	650.00	0.30						-
OWIRH2D14-330	33.00	1000.00	0.24						-
OWIRH2D14-470	47.00	1250.00	0.20						-
OWIRH2D14-101	100.00	2400.00	0.12						-

## Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
3.00	3.00	1.60	4.5	1			3.9	1.3	1.3	Fig. 1
±0.3	±0.3	Max	Max	Ref			Ref	Ref	Ref	

Fig.1

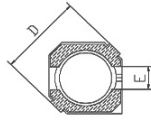
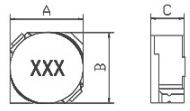


Fig.2

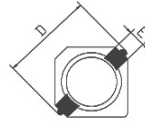
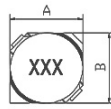


Fig.1

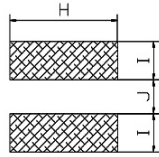


Fig.2

