

# OWIRH3D16

## 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
OWIRH3D16-1R0	1.00	48.00	3.00						<a href="#">Request samples</a>
OWIRH3D16-1R5	1.50	52.00	2.00						<a href="#">Request samples</a>
OWIRH3D16-2R2	2.20	59.00	2.00						<a href="#">Request samples</a>
OWIRH3D16-3R3	3.30	85.00	1.00						<a href="#">Request samples</a>
OWIRH3D16-4R7	4.70	116.00	1.00						<a href="#">Request samples</a>
OWIRH3D16-6R8	6.80	180.00	1.00						<a href="#">Request samples</a>
OWIRH3D16-8R2	8.20	210.00	1.00						<a href="#">Request samples</a>
OWIRH3D16-100	10.00	230.00	1.00						<a href="#">Request samples</a>
OWIRH3D16-150	15.00	410.00	1.00						<a href="#">Request samples</a>
OWIRH3D16-220	22.00	610.00	1.00						<a href="#">Request samples</a>
OWIRH3D16-330	33.00	870.00	-						<a href="#">Request samples</a>
OWIRH3D16-470	47.00	950.00	-						<a href="#">Request samples</a>

## Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
3.80	3.80	1.80	5.2	1			4.6	1.6	1.4	Fig. 1
±0.3	±0.3	Max	Max	Ref			Ref	Ref	Ref	

Fig.1

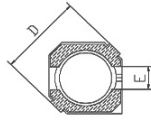
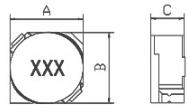


Fig.2

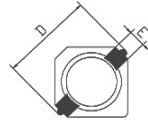
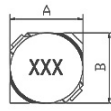


Fig.1

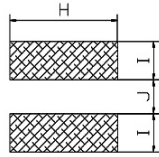


Fig.2

