

OWIRH3D16

SMD 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.

General Specifications

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	

Product ID	DCR [mohm]	Isat [A]	Irms [A]	Irated [mA]	Idc max [mA]	Q (min)	SRF [MHz]
OWIRH3D16-1R0	48.00	2.50					
OWIRH3D16-1R5	52.00	2.00					
OWIRH3D16-2R2	59.00	1.75					
OWIRH3D16-3R3	85.00	1.40					
OWIRH3D16-4R7	116.00	1.20					
OWIRH3D16-6R8	180.00	1.00					
OWIRH3D16-8R2	210.00	0.88					
OWIRH3D16-100	230.00	0.84					
OWIRH3D16-150	410.00	0.65					
OWIRH3D16-220	610.00	0.55					
OWIRH3D16-330	870.00	0.46					
OWIRH3D16-470	950.00	0.42					

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

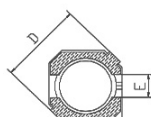
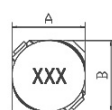


Fig.2

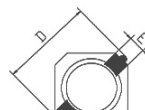
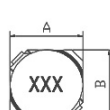


Fig.1

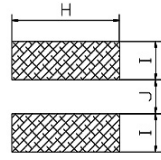


Fig.2

