

OWIRH3D14

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 (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]
OWIRH3D14-1R2	40.00	1.50					
OWIRH3D14-1R5	50.00	1.35					
OWIRH3D14-2R2	60.00	1.15					
OWIRH3D14-3R3	100.00	0.80					
OWIRH3D14-4R7	115.00	0.75					
OWIRH3D14-5R6	168.00	0.70					
OWIRH3D14-6R8	180.00	0.60					
OWIRH3D14-100	228.00	0.50					
OWIRH3D14-150	315.00	0.40					
OWIRH3D14-220	456.00	0.35					
OWIRH3D14-330	868.00	0.30					
OWIRH3D14-470	1180.00	0.25					

Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
3.80 ±0.3	3.80 ±0.3	1.55 Max	5.2 Max	1 Ref			4.6 Ref	1.6 Ref	1.4 Ref	Fig. 1

Fig.1

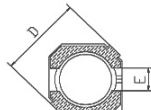
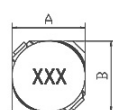


Fig.2

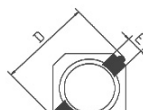
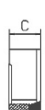
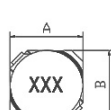


Fig.1

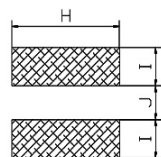


Fig.2

