

OWIRH5D18

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]
OWIRH5D18-1R0	38.00	2.80					
OWIRH5D18-1R5	40.00	2.50					
OWIRH5D18-2R0	45.00	2.30					
OWIRH5D18-2R2	48.00	1.90					
OWIRH5D18-3R3	56.00	1.80					
OWIRH5D18-4R3	57.00	1.75					
OWIRH5D18-4R7	76.00	1.60					
OWIRH5D18-5R6	78.00	1.58					
OWIRH5D18-6R2	96.00	1.40					
OWIRH5D18-6R8	100.00	1.35					
OWIRH5D18-8R9	116.00	1.25					
OWIRH5D18-100	124.00	1.20					
OWIRH5D18-120	153.00	1.10					
OWIRH5D18-150	196.00	0.97					
OWIRH5D18-180	210.00	0.85					
OWIRH5D18-220	290.00	0.80					
OWIRH5D18-270	330.00	0.75					
OWIRH5D18-330	386.00	0.65					
OWIRH5D18-390	520.00	0.57					
OWIRH5D18-470	595.00	0.54					
OWIRH5D18-560	665.00	0.50					
OWIRH5D18-680	840.00	0.43					
OWIRH5D18-820	978.00	0.41					
OWIRH5D18-101	1200.00	0.36					

Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
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5.70	5.70	2.00	8.2	2	6.3	2.15	2
±0.3	±0.3	Max	Max	Ref	Ref	Ref	Ref

