

OWIRH4D18

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]
OWIRH4D18-1R0	45.00	1.72					
OWIRH4D18-1R5	60.00	1.50					
OWIRH4D18-1R8	70.00	1.35					
OWIRH4D18-2R2	75.00	1.32					
OWIRH4D18-2R7	105.00	1.28					
OWIRH4D18-3R3	110.00	1.04					
OWIRH4D18-3R9	155.00	0.88					
OWIRH4D18-4R7	162.00	0.84					
OWIRH4D18-5R6	170.00	0.80					
OWIRH4D18-6R8	200.00	0.76					
OWIRH4D18-8R2	245.00	0.68					
OWIRH4D18-100	280.00	0.61					
OWIRH4D18-120	320.00	0.56					
OWIRH4D18-150	360.00	0.50					
OWIRH4D18-180	400.00	0.48					
OWIRH4D18-220	480.00	0.41					
OWIRH4D18-270	570.00	0.35					
OWIRH4D18-330	694.00	0.32					
OWIRH4D18-390	800.00	0.30					
OWIRH4D18-470	950.00	0.28					
OWIRH4D18-560	1080.00	0.26					
OWIRH4D18-680	1300.00	0.24					
OWIRH4D18-101	2000.00	0.16					
OWIRH4D18-151	2400.00	0.15					

Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
---	---	---	---	---	---	---	---	---	---	-------

4.70	4.70	2.00	6.9	1.5	5.3	1.9	1.5
±0.3	±0.3	Max	Max	Ref	Ref	Ref	Ref

