

OWIRH8D38

HV Power inductor



Description

Metal base 2pcs, Hexagon Type

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]
OWIRH8D38-1R8	18.60	7.00					
OWIRH8D38-2R2	20.60	6.50					
OWIRH8D38-2R5	30.20	6.00					
OWIRH8D38-3R3	32.00	4.90					
OWIRH8D38-3R6	36.50	4.80					
OWIRH8D38-4R7	38.00	4.60					
OWIRH8D38-6R1	44.00	4.00					
OWIRH8D38-100	63.00	3.00					
OWIRH8D38-120	72.00	2.85					
OWIRH8D38-150	87.00	2.75					
OWIRH8D38-180	104.00	2.50					
OWIRH8D38-220	135.00	2.30					
OWIRH8D38-270	156.00	2.00					
OWIRH8D38-330	182.00	1.75					
OWIRH8D38-390	215.00	1.60					
OWIRH8D38-470	246.00	1.52					
OWIRH8D38-560	280.00	1.40					
OWIRH8D38-680	377.00	1.30					
OWIRH8D38-820	416.00	1.20					
OWIRH8D38-101	533.00	1.05					

Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
8.30	10.80	4.00	1.2	6.3	2.5		2.8	2	6.1	
Max	Max	Max	Ref	Ref	Ref		Ref	Ref	Ref	

