

OWIRH8D43

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]
OWIRH8D43-1R0	10.50	8.20					
OWIRH8D43-1R5	11.00	8.00					
OWIRH8D43-2R2	17.50	6.80					
OWIRH8D43-2R5	18.50	6.50					
OWIRH8D43-3R3	19.00	5.90					
OWIRH8D43-3R6	21.00	5.10					
OWIRH8D43-3R9	21.60	5.80					
OWIRH8D43-4R7	22.00	5.60					
OWIRH8D43-6R8	28.00	4.40					
OWIRH8D43-100	36.00	4.00					
OWIRH8D43-150	53.00	2.90					
OWIRH8D43-220	96.00	2.10					
OWIRH8D43-330	125.00	1.60					
OWIRH8D43-470	150.00	1.40					
OWIRH8D43-680	260.00	1.20					
OWIRH8D43-101	360.00	0.90					
OWIRH8D43-121	560.00	0.70					

Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
8.30	10.80	4.50	1.2	6.3	2.5		2.8	2	6.1	
Max	Max	Max	Ref	Ref	Ref		Ref	Ref	Ref	

