

OWIRH4D28

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]
OWIRH4D28-1R0	23.60	2.56					
OWIRH4D28-1R2	24.00	2.50					
OWIRH4D28-1R8	27.50	2.20					
OWIRH4D28-2R0	29.00	2.10					
OWIRH4D28-2R2	31.30	2.04					
OWIRH4D28-2R7	43.30	1.60					
OWIRH4D28-3R3	49.20	1.57					
OWIRH4D28-3R9	64.80	1.44					
OWIRH4D28-4R7	72.00	1.32					
OWIRH4D28-5R6	105.00	1.17					
OWIRH4D28-6R8	109.00	1.12					
OWIRH4D28-8R2	118.00	1.04					
OWIRH4D28-100	129.00	1.00					
OWIRH4D28-120	132.00	0.84					
OWIRH4D28-150	149.00	0.76					
OWIRH4D28-180	166.00	0.72					
OWIRH4D28-220	235.00	0.70					
OWIRH4D28-270	261.00	0.58					
OWIRH4D28-330	332.00	0.56					
OWIRH4D28-390	384.00	0.50					
OWIRH4D28-470	588.00	0.48					
OWIRH4D28-560	625.00	0.41					
OWIRH4D28-680	699.00	0.35					
OWIRH4D28-820	915.00	0.32					
OWIRH4D28-101	1020.00	0.29					
OWIRH4D28-121	1270.00	0.27					
OWIRH4D28-151	1350.00	0.24					
OWIRH4D28-181	1540.00	0.22					

OWIRH4D28-221	2000.00	0.20
OWIRH4D28-331	3400.00	0.19
OWIRH4D28-391	3560.00	0.18
OWIRH4D28-681	5200.00	0.10

Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
4.70 ±0.3	4.70 ±0.3	3.00 Max	6.9 Max	1.5 Ref			5.3 Ref	1.9 Ref	1.5 Ref	

