

OWIRH5D28

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]
OWIRH5D28-1R0	12.00	3.70					
OWIRH5D28-1R2	14.00	3.50					
OWIRH5D28-1R5	16.00	3.00					
OWIRH5D28-2R2	18.00	2.80					
OWIRH5D28-2R7	20.00	2.60					
OWIRH5D28-3R0	24.00	2.40					
OWIRH5D28-3R3	28.00	2.30					
OWIRH5D28-3R9	31.00	2.20					
OWIRH5D28-4R3	33.00	2.10					
OWIRH5D28-4R7	35.00	2.00					
OWIRH5D28-5R0	43.00	1.80					
OWIRH5D28-6R2	45.00	1.75					
OWIRH5D28-6R8	48.00	1.70					
OWIRH5D28-8R2	53.00	1.60					
OWIRH5D28-100	65.00	1.30					
OWIRH5D28-120	76.00	1.20					
OWIRH5D28-150	103.00	1.10					
OWIRH5D28-180	110.00	1.00					
OWIRH5D28-220	122.00	0.90					
OWIRH5D28-270	175.00	0.85					
OWIRH5D28-330	189.00	0.75					
OWIRH5D28-390	212.00	0.70					
OWIRH5D28-470	250.00	0.62					
OWIRH5D28-560	305.00	0.58					
OWIRH5D28-680	355.00	0.52					
OWIRH5D28-820	463.00	0.46					
OWIRH5D28-101	520.00	0.42					
OWIRH5D28-151	1050.00	0.35					

OWIRH5D28-181	1550.00	0.32
OWIRH5D28-331	1958.00	0.22
OWIRH5D28-471	2700.00	0.20
OWIRH5D28-681	4150.00	0.16

Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
5.70 ±0.3	5.70 ±0.3	3.00 Max	8.2 Max	2 Ref			6.3 Ref	2.15 Ref	2 Ref	

