

OWIRH104R

HV Power inductor



Description

Square type, short corner, asymmetrical

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]
OWIRH104R-1R0	7.50	10.50					
OWIRH104R-1R5	8.50	9.50					
OWIRH104R-1R8	9.50	9.00					
OWIRH104R-2R2	10.50	7.50					
OWIRH104R-2R5	10.50	7.50					
OWIRH104R-3R3	13.00	6.00					
OWIRH104R-3R8	15.00	6.00					
OWIRH104R-4R7	20.00	5.70					
OWIRH104R-5R2	23.00	5.50					
OWIRH104R-5R6	27.00	5.00					
OWIRH104R-6R8	27.00	5.00					
OWIRH104R-7R0	27.00	4.80					
OWIRH104R-8R2	33.00	4.50					
OWIRH104R-100	35.00	4.40					
OWIRH104R-120	46.00	4.00					
OWIRH104R-150	50.00	3.60					
OWIRH104R-180	70.00	3.10					
OWIRH104R-220	73.00	2.90					
OWIRH104R-270	89.00	2.60					
OWIRH104R-330	93.00	2.30					
OWIRH104R-390	125.00	2.20					
OWIRH104R-470	128.00	2.10					
OWIRH104R-560	188.00	1.65					
OWIRH104R-680	213.00	1.50					
OWIRH104R-820	300.00	1.40					
OWIRH104R-101	304.00	1.35					
OWIRH104R-121	420.00	1.18					
OWIRH104R-151	506.00	1.15					

OWIRH104R-181	680.00	1.00
OWIRH104R-221	756.00	0.92
OWIRH104R-331	1090.00	0.70
OWIRH104R-471	1350.00	0.60
OWIRH104R-681	2400.00	0.45
OWIRH104R-821	3800.00	0.43
OWIRH104R-102	4420.00	0.40

Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
10.30 Max	10.50 Max	4.00 Max	1.2 Ref	7.7 Ref	3 Ref	13.5 Ref	3.2 Ref	1.6 Ref	7.3 Ref	

