

OWIRH105R

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]
OWIRH105R-1R5	6.50	9.00					
OWIRH105R-2R2	8.50	7.50					
OWIRH105R-3R3	10.40	7.80					
OWIRH105R-4R7	13.00	6.10					
OWIRH105R-6R8	18.00	5.40					
OWIRH105R-8R2	20.00	5.00					
OWIRH105R-100	26.00	4.50					
OWIRH105R-120	33.00	3.80					
OWIRH105R-150	41.00	3.40					
OWIRH105R-180	46.00	3.10					
OWIRH105R-220	61.00	2.90					
OWIRH105R-270	69.00	2.60					
OWIRH105R-330	84.00	2.50					
OWIRH105R-390	106.00	2.30					
OWIRH105R-470	130.00	2.00					
OWIRH105R-560	149.00	1.90					
OWIRH105R-680	201.00	1.65					
OWIRH105R-820	227.00	1.50					
OWIRH105R-101	253.00	1.35					
OWIRH105R-121	303.00	1.28					
OWIRH105R-151	370.00	1.12					
OWIRH105R-181	419.00	1.04					
OWIRH105R-221	500.00	0.94					
OWIRH105R-271	672.00	0.84					
OWIRH105R-331	812.00	0.75					
OWIRH105R-391	953.00	0.70					
OWIRH105R-471	1289.00	0.60					
OWIRH105R-561	1430.00	0.54					

OWIRH105R-681	1599.00	0.52
OWIRH105R-821	1768.00	0.50
OWIRH105R-102	1989.00	0.48

Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
10.30	10.50	5.10	1.2	7.7	3	13.5	3.2	1.6	7.3	
Max	Max	Max	Ref	Ref	Ref	Ref	Ref	Ref	Ref	

