

# OWIR74B

## Shielded CD inductor



### Description

SMD Power inductor

### Features

High performance inductor  
RoHS, Halogen Free and Reach compliant

### Applications

Power supply for VTR, OA equipment  
LCD television set, notebook PC  
Portable communication, equipment  
DC/DC converters, etc.

## Characteristics

Test Voltage	<b>0.25V</b>
Parameters Test Temp	<b>25°C</b>
Operation Temp (Incl temp rise)	<b>-40°C to +125°C</b>
Storage Temp	<b>0 to 40°C</b>
Storage Humidity	<b>&lt;70% RH</b>
Resistance to Soldering Heat	<b>260°C for 10 sec</b>
Rated Current	<b>L drops off 35% typ at Isat</b>
Temperature rise	<b>40°C typ. at Irms</b>

Product ID	Inductance [uH]	DCR [mOhm]	Isat [A]	Irms [A]	Irated [mA]	Idc max [mA]	Q (min)	SRF [MHz]	Samples
<a href="#">OWIR74B-1R0</a>	1.00	35.00	4.00	3,8					<a href="#">Request samples</a>
<a href="#">OWIR74B-1R5</a>	1.50	45.00	3.00	3,75					<a href="#">Request samples</a>
<a href="#">OWIR74B-2R2</a>	2.20	50.00	3.00	3,7					<a href="#">Request samples</a>
<a href="#">OWIR74B-3R3</a>	3.30	60.00	3.00	3,65					<a href="#">Request samples</a>
<a href="#">OWIR74B-4R7</a>	4.70	65.00	3.00	3,6					<a href="#">Request samples</a>
<a href="#">OWIR74B-5R6</a>	5.60	70.00	3.00	3,55					<a href="#">Request samples</a>
<a href="#">OWIR74B-6R8</a>	6.80	75.00	2.00	3,5					<a href="#">Request samples</a>
<a href="#">OWIR74B-8R2</a>	8.20	80.00	2.00	3,4					<a href="#">Request samples</a>
<a href="#">OWIR74B-100</a>	10.00	90.00	2.00	3,3					<a href="#">Request samples</a>
<a href="#">OWIR74B-120</a>	12.00	100.00	2.00	3					<a href="#">Request samples</a>
<a href="#">OWIR74B-150</a>	15.00	110.00	2.00	2,7					<a href="#">Request samples</a>
<a href="#">OWIR74B-180</a>	18.00	120.00	2.00	2,43					<a href="#">Request samples</a>
<a href="#">OWIR74B-220</a>	22.00	130.00	2.00	2,18					<a href="#">Request samples</a>
<a href="#">OWIR74B-270</a>	27.00	160.00	1.00	1,96					<a href="#">Request samples</a>
<a href="#">OWIR74B-330</a>	33.00	180.00	1.00	1,74					<a href="#">Request samples</a>
<a href="#">OWIR74B-390</a>	39.00	220.00	1.00	1,64					<a href="#">Request samples</a>
<a href="#">OWIR74B-470</a>	47.00	280.00	1.00	1,55					<a href="#">Request samples</a>
<a href="#">OWIR74B-680</a>	68.00	430.00	1.00	1,32					<a href="#">Request samples</a>
<a href="#">OWIR74B-101</a>	100.00	640.00	1.00	1,14					<a href="#">Request</a>

OWIR74B-151	150.00	960.00	1.00	0,97	<a href="#">Request samples</a>
OWIR74B-221	220.00	1180.00	-	0,78	<a href="#">Request samples</a>
OWIR74B-271	270.00	1460.00	-	0,7	<a href="#">Request samples</a>
OWIR74B-331	330.00	1960.00	-	0,46	<a href="#">Request samples</a>
OWIR74B-471	470.00	2260.00	-	0,38	<a href="#">Request samples</a>

### Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
7.80	7.00	4.90	1.9				7.5	3.75	1.5	
±0.3	±0.3	Max	Ref				Ref	Ref	Ref	

