

# OWIR63B

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

Product ID	Inductance [uH]	DCR [mOhm]	Isat [A]	Irms [A]	Irated [mA]	Idc max [mA]	Q (min)	SRF [MHz]	Samples
<a href="#">OWIR63B-1R0</a>	1.00	70.00	3.00	3,2					<a href="#">Request samples</a>
<a href="#">OWIR63B-2R2</a>	2.20	120.00	3.00	2,75					<a href="#">Request samples</a>
<a href="#">OWIR63B-3R3</a>	3.30	140.00	2.00	2,55					<a href="#">Request samples</a>
<a href="#">OWIR63B-4R7</a>	4.70	160.00	2.00	2,1					<a href="#">Request samples</a>
<a href="#">OWIR63B-5R6</a>	5.60	180.00	2.00	2					<a href="#">Request samples</a>
<a href="#">OWIR63B-6R8</a>	6.80	240.00	2.00	1,9					<a href="#">Request samples</a>
<a href="#">OWIR63B-8R2</a>	8.20	280.00	2.00	1,8					<a href="#">Request samples</a>
<a href="#">OWIR63B-100</a>	10.00	370.00	2.00	1,8					<a href="#">Request samples</a>
<a href="#">OWIR63B-120</a>	12.00	430.00	1.00	1,53					<a href="#">Request samples</a>
<a href="#">OWIR63B-150</a>	15.00	470.00	1.00	1,37					<a href="#">Request samples</a>
<a href="#">OWIR63B-180</a>	18.00	640.00	1.00	1,23					<a href="#">Request samples</a>
<a href="#">OWIR63B-220</a>	22.00	710.00	1.00	1,1					<a href="#">Request samples</a>
<a href="#">OWIR63B-270</a>	27.00	960.00	1.00	0,99					<a href="#">Request samples</a>
<a href="#">OWIR63B-330</a>	33.00	1110.00	1.00	0,89					<a href="#">Request samples</a>
<a href="#">OWIR63B-390</a>	39.00	1260.00	1.00	0,8					<a href="#">Request samples</a>
<a href="#">OWIR63B-470</a>	47.00	1770.00	1.00	0,72					<a href="#">Request samples</a>
<a href="#">OWIR63B-560</a>	56.00	1960.00	1.00	0,64					<a href="#">Request samples</a>
<a href="#">OWIR63B-680</a>	68.00	2500.00	1.00	0,57					<a href="#">Request samples</a>
<a href="#">OWIR63B-820</a>	82.00	3100.00	1.00	0,55					<a href="#">Request</a>

OWIR63B-101	100.00	3500.00	-	0,5	Request samples
OWIR63B-121	120.00	4100.00	-	0,45	Request samples
OWIR63B-151	150.00	4600.00	-	0,42	Request samples
OWIR63B-181	180.00	5200.00	-	0,36	Request samples
OWIR63B-221	220.00	5950.00	-	0,32	Request samples
OWIR63B-271	270.00	6300.00	-	0,28	Request samples
OWIR63B-331	330.00	6950.00	-	0,23	Request samples
OWIR63B-471	470.00	8200.00	-	0,18	Request samples

### Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
6.20	5.80	3.50	2				6	2.9	1.7	
±0.3	±0.3	Max	Ref				Ref	Ref	Ref	

