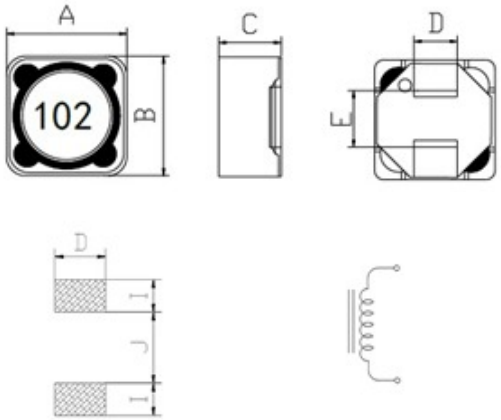
OWIRH124B - series

Shielded inductors

OLE WOLFF

Ole Wolff Elektronik A/S, Roedengvej 14, 4180 Sorø
T: +45 5783 3830 | sales@owolff.com



Characteristics

Test Voltage	**0.25V**
Parameters Test Temp	**25°C**
Operation Temp (Incl temp 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	**40°C typ. at Irms**

Features

- Shielded power inductor
- Various high power inductors are superior to be high saturation for surface mounting
- RoHS and REACH compliant

Applications

- Power supply for VTR, OA equipment
- LCD TV sets
- Notebooks and PCs
- Portable communication equipment
- DC/DC converters
- Graphic cards

Shape and dimensions [mm]

A	B	C	D	E	F	G	H	I	J	Shape
12.50 Max.	12.50 Max.	4.50 Max.	5.00 Ref	7.60 Ref			5.40 Ref	3.00 Ref	7.00 Ref	

Product ID	Inductance	DCR [mOhm]	Isat [A]	Irms [A]	Irated [mA]	Idc max [mA]	Q (min)	SRF [MHz]	Samples
OWIRH124B-331	330.00	990.00	0.50	-					Request samples
OWIRH124B-271	270.00	876.00	0.60	-					Request samples
OWIRH124B-221	220.00	700.00	0.80	-					Request samples
OWIRH124B-181	180.00	620.00	0.90	-					Request samples
OWIRH124B-151	150.00	530.00	1.00	-					Request samples
OWIRH124B-121	120.00	380.00	1.10	-					Request samples
OWIRH124B-101	100.00	308.00	1.20	-					Request samples
OWIRH124B-820	82.00	260.00	1.30	-					Request samples
OWIRH124B-680	68.00	220.00	1.50	-					Request samples
OWIRH124B-560	56.00	190.00	1.80	-					Request samples
OWIRH124B-470	47.00	150.00	1.90	-					Request samples
OWIRH124B-390	39.00	132.00	2.10	-					Request samples
OWIRH124B-330	33.00	97.00	2.70	-					Request samples
OWIRH124B-270	27.00	80.00	2.80	-					Request samples
OWIRH124B-220	12.00	66.00	2.90	-					Request samples
OWIRH124B-180	18.00	57.00	3.10	-					Request samples
OWIRH124B-150	15.00	50.00	3.20	-					Request samples
OWIRH124B-120	12.00	38.00	4.00	-					Request samples
OWIRH124B-100	10.00	28.00	4.50	-					Request samples
OWIRH124B-6R8	6.80	23.00	4.90	-					Request samples
OWIRH124B-4R7	4.70	18.00	5.70	-					Request

OWIRH124B-3R3	3.30	15.00	8.00	-	Request samples
OWIRH124B-2R2	2.20	12.00	9.10	-	Request samples
OWIRH124B-1R5	1.50	10.00	9.50	-	Request samples
OWIRH124B-1R0	1.00	8.00	12.00	-	Request samples