# OWIRH73B - series

**Shielded inductors**

OLE WOLFF

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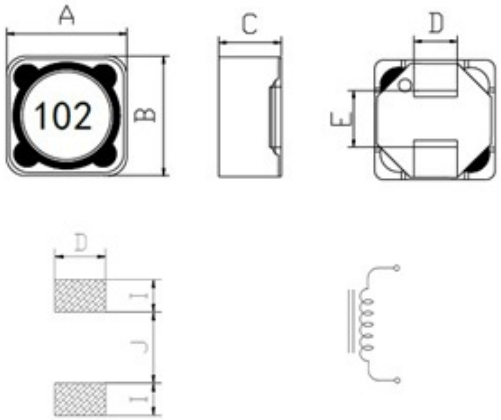


## Characteristics

| | |
|---|---|
| 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 7.50 Max. | 7.50 Max. | 3.50 Max. | 2.00 Ref | 5.10 Ref | | | 3.10 Ref | 2.00 Ref | 4.40 Ref | |

| Product ID | Inductance | DCR [mOhm] | Isat [A] | Irms [A] | Irated [mA] | Idc max [mA] | Q (min) | SRF [MHz] | Samples |
|---|---|---|---|---|---|---|---|---|---|
| OWIRH73B-102 | 1000.00 | 9440.00 | 0.16 | - | | | | | Request samples |
| OWIRH73B-821 | 820.00 | 6540.00 | 0.18 | - | | | | | Request samples |
| OWIRH73B-681 | 680.00 | 5730.00 | 0.19 | - | | | | | Request samples |
| OWIRH73B-561 | 560.00 | 4670.00 | 0.22 | - | | | | | Request samples |
| OWIRH73B-471 | 470.00 | 4180.00 | 0.24 | - | | | | | Request samples |
| OWIRH73B-391 | 390.00 | 2940.00 | 0.26 | - | | | | | Request samples |
| OWIRH73B-331 | 330.00 | 2620.00 | 0.28 | - | | | | | Request samples |
| OWIRH73B-271 | 270.00 | 2310.00 | 0.32 | - | | | | | Request samples |
| OWIRH73B-221 | 220.00 | 1650.00 | 0.35 | - | | | | | Request samples |
| OWIRH73B-181 | 180.00 | 1450.00 | 0.39 | - | | | | | Request samples |
| OWIRH73B-151 | 150.00 | 1270.00 | 0.43 | - | | | | | Request samples |
| OWIRH73B-121 | 120.00 | 890.00 | 0.49 | - | | | | | Request samples |
| OWIRH73B-101 | 100.00 | 790.00 | 0.50 | - | | | | | Request samples |
| OWIRH73B-820 | 82.00 | 690.00 | 0.57 | - | | | | | Request samples |
| OWIRH73B-680 | 68.00 | 520.00 | 0.61 | - | | | | | Request samples |
| OWIRH73B-560 | 56.00 | 470.00 | 0.68 | - | | | | | Request samples |
| OWIRH73B-470 | 47.00 | 360.00 | 0.76 | - | | | | | Request samples |
| OWIRH73B-390 | 39.00 | 320.00 | 0.77 | - | | | | | Request samples |
| OWIRH73B-330 | 33.00 | 240.00 | 0.91 | - | | | | | Request samples |
| OWIRH73B-270 | 27.00 | 210.00 | 0.96 | - | | | | | Request samples |
| OWIRH73B-220 | 12.00 | 190.00 | 1.07 | - | | | | | Request |

| | | | | | |
|---|---|---|---|---|---|
| OWIRH73B-150 | 15.00 | 130.00 | 1.33 | - | Request samples |
| OWIRH73B-120 | 12.00 | 98.00 | 1.52 | - | Request samples |
| OWIRH73B-100 | 10.00 | 72.00 | 1.68 | - | Request samples |
| OWIRH73B-6R8 | 6.80 | 60.00 | 2.00 | - | Request samples |
| OWIRH73B-4R7 | 4.70 | 42.90 | 2.70 | - | Request samples |
| OWIRH73B-3R3 | 3.30 | 40.00 | 3.00 | - | Request samples |
| OWIRH73B-2R2 | 2.20 | 26.00 | 4.50 | - | Request samples |
| OWIRH73B-1R0 | 1.00 | 20.00 | 7.79 | - | Request samples |