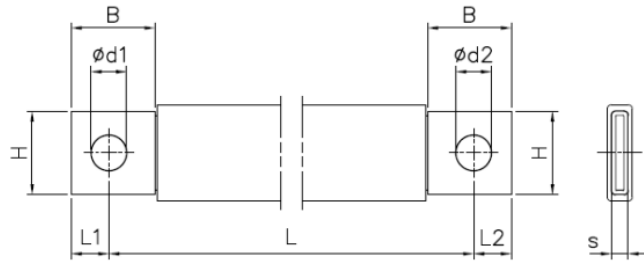
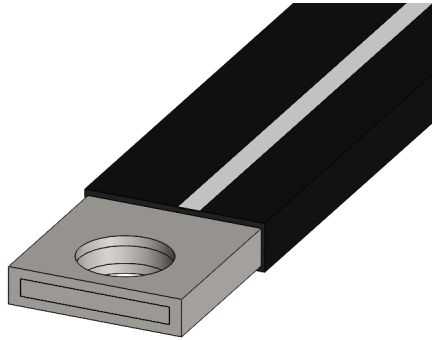


# Product Datasheet

## JLK1050



### Main

|                                  |   |                             |
|----------------------------------|---|-----------------------------|
| Family                           | Insulated copper braided shunts   |                             |
| Version                          | J-link  |                             |
| Code                             | JLK1050   |                             |
| Reference                        | JLK 50-230  |                             |
| Number per package               | 10  |                             |
| Weight (kg)                      | 0.16  |                             |
| L: Hole to hole length (mm)      | $230^{+3.6}_{-0.6}$   |                             |
| Cross section (mm <sup>2</sup> ) | 50  |                             |
| Dimensions (mm)                  | $B = 20^{+0.5}_{-0.5}$ , $H = 20^{+0.5}_{-0.5}$ , $L1 = 9^{+0.3}_{-0.3}$ , $L2 = 9.5^{+0.3}_{-0.3}$ ,<br>$d1 = 8.5^{+0.3}_{-0.3}$ , $d2 = 10.5^{+0.3}_{-0.3}$ , $s = 5^{+0.5}_{-0.5}$ |                             |
| In (A) vs $\Delta T$ (°C)        | Rated Intensity (A)   | Temperature rise $\Delta T$ |
|                                  | 214   | 35 °C                       |
|                                  | 244   | 45 °C                       |
|                                  | <b>270</b>  | <b>55 °C</b>                |
|                                  | 304   | 70 °C                       |

## **Technical Features**

### **Conductor**

Tinned electrolytic copper braid Cu-ETP 99.90%

Standard wire: 0.2 mm

Terminal in tinned copper tube

### **Insulation**

PVC Compound

Black color with a white line

Self-extinguishing UL 94-V0

Thickness:  $1.9 \pm 0.1$  mm

Max. elongation: 365%

Hardness: 80 Shore A

Tensile strength: 19 MPa

Class II according to Par. 8.4.4 IEC 61439-1

Recyclable

### **Finished Product**

Dielectric rigidity: 20 kV/mm

Rated voltage: 1000 V AC/1500 V DC

Working temperature: -40 °C to 105 °C

### **In vs. $\Delta T$**

$I_n$  = Rated current A

$\Delta T$  = Temperature rise °C

Standard IEC 61439-1

Reference Room temperature is 35 °C

For derating coefficient for the use of bars in parallel please refer to the catalogue.

Please contact Teknomega for non-specified tolerances.