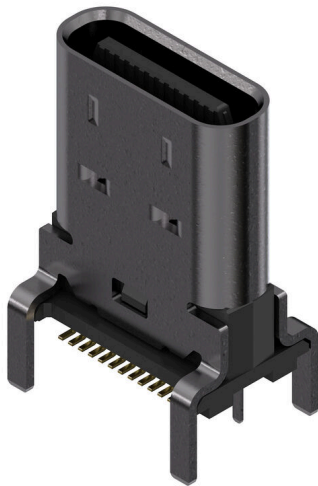


**USB3.1C S1V DN4 RL**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

www.weidmueller.com

**Product image****General ordering data**

|            |  |
|------------|--|
| Version    | OMNIMATE Data - USB jack, PCB plug-in connector, USB 3.1, Type C, 10 Gbit/s, SMD solder connection, 180°, Plugging cycles: ≥ 10000, Number of poles: 24, LCP, Gold over nickel, Reel |
| Order No.  | <a href="#">3100390000</a>   |
| Type       | USB3.1C S1V DN4 RL   |
| GTIN (EAN) | 4099987137645  |
| Qty.       | 1000 items   |
| Packaging  | Reel   |

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## Technical data

## Approvals

|      |         |
|------|---------|
| ROHS | Conform |
|------|---------|

## Dimensions and weights

|            |         |                 |             |
|------------|---------|-----------------|-------------|
| Depth      | 4.3 mm  | Depth (inches)  | 0.1693 inch |
| Height     | 9.25 mm | Height (inches) | 0.3642 inch |
| Width      | 8.94 mm | Width (inches)  | 0.352 inch  |
| Net weight | 10 g    |                 |             |

## Environmental Product Compliance

|                        |                             |
|------------------------|-----------------------------|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC             | No SVHC above 0.1 wt%       |

## System specifications

|                                  |                                    |                       |                       |
|----------------------------------|------------------------------------|-----------------------|-----------------------|
| Number of poles                  | 24                                 | LED                   | No                    |
| Solder pin length (l)            | 1.15 mm                            | Mounting onto the PCB | SMD solder connection |
| Shielding material               | Brass                              | Shielding             | Yes                   |
| Side termination, characteristic | Solder flange                      | Transmission rate     | 10 Gbit/s             |
| Number of solder pins per pole   | 1                                  | Type of connection    | Solder connection     |
| Product family                   | OMNIMATE Data - USB jack           | Pitch in mm (P)       | 0.50 mm               |
| Protection degree                | IP20                               | Plugging cycles       | ≥ 10000               |
| Outgoing elbow                   | 180°                               | Shield surface        | nickel-plated         |
| Shield tabs                      | none                               | Performance-Category  | 10 Gbit/s             |
| Soldering process                | Reflow soldering, Manual soldering |                       |                       |

## Electrical properties

|  |          |                       |          |
|--|----------|-----------------------|----------|
| Dielectric strength, contact / contact | 100 V AC | Insulation resistance | ≥ 100 MΩ |
| Nominal voltage                        | 5 V      |                       |          |

## Material data

|                             |                  |                             |                       |
|-----------------------------|------------------|-----------------------------|-----------------------|
| Insulating material         | LCP              | Colour                      | black                 |
| Colour chart (similar)      | RAL 9011         | Insulation resistance       | ≥ 100 MΩ              |
| Moisture Level (MSL)        | 1                | UL 94 flammability rating   | V-0                   |
| Contact base material       | Copper alloy     | Contact material            | Phosphor bronze alloy |
| Contact surface             | Gold over nickel | Operating temperature, min. | -30 °C                |
| Operating temperature, max. | 80 °C            |                             |                       |

## Packing

|           |         |            |         |
|-----------|---------|------------|---------|
| Packaging | Reel    | VPE length | 0.00 mm |
| VPE width | 0.00 mm | VPE height | 0.00 mm |

## Important note

Notes

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**Technical data**

**Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 8.0    | EC002637    | ETIM 9.0    | EC002637    |
| ETIM 10.0   | EC002637    | ECLASS 14.0 | 27-46-02-01 |
| ECLASS 15.0 | 27-46-02-01 |             |             |

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**Drawings**

**Product image**

