

USB3.1C S1V DN1 RL**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**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. | 2987540000 |
| Type | USB3.1C S1V DN1 RL |
| GTIN (EAN) | 4099986854994 |
| Qty. | 450 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 |
| 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 |
| Pitch in inches (P) | 0.020 " | 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 |
| VPE width | 0.00 | VPE height | 0.00 |

Important note

Notes

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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 | | |

Drawings



