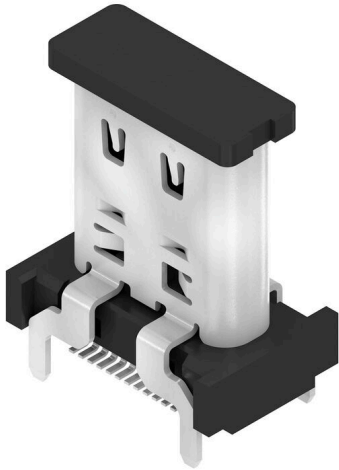


**USB3.1C S1V 1.7N4 RL**

**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.	<a href="#">3158920000</a>
Type	USB3.1C S1V 1.7N4 RL
GTIN (EAN)	4099987672559
Qty.	2000 items
Packaging	Reel

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## Technical data

### Approvals

ROHS	Conform
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### Dimensions and weights

Depth	7 mm	Depth (inches)	0.2756 inch
Height	12 mm	Height (inches)	0.4724 inch
Width	11 mm	Width (inches)	0.4331 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
Mounting onto the PCB	SMD solder connection	Shielding material	Stainless steel
Shielding	Yes	Side termination, characteristic	Solder flange
Plugging force/pole, max.	0.83 N	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	Volume resistance	0.04 Ω
Insulation resistance	≥ 100 MΩ	Nominal voltage	20 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	Copper alloy
Contact surface	Gold over nickel	Operating temperature, min.	-40 °C
Operating temperature, max.	85 °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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### 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**

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