

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.	3100390000
Type	USB3.1C S1V DN4 RL
GTIN (EAN)	4099987137645
Qty.	1000 items
Packaging	Reel

USB3.1C S1V DN4 RL

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

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

USB3.1C S1V DN4 RL

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

www.weidmueller.com

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		

USB3.1C S1V DN4 RL

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

Drawings

www.weidmueller.com

Product image

