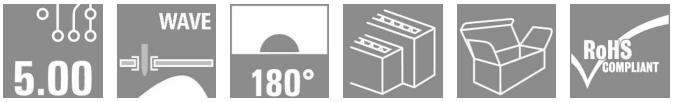
OMNIMATE Signal - series RSV
RSV1,6 LBF12 GR 4,5 AU

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com





Rectangular plug-in male and female connector with solder contacts for PCB applications. High connection density achieved by using several rows and crimp contacts in the mating connector. The plug-in connectors can be coded and locked to the mating connector. Supplied in cardboard box.

- 500 V (IEC) / 300 V (UL)
- 14 A (IEC) / 10 A (UL)

General ordering data

Type	RSV1,6 LBF12 GR 4,5 AU
Order No.	1416600000
Version	PCB plug-in connector, female header, Flange, Solder connection, 5.00 mm, No. of poles: 12, 180°, Solder pin length (l): 4.5 mm, Gold-plated, Pebble grey, Box
GTIN (EAN)	4008190097448
Qty.	25 pc(s).
Product data	IEC: 500 V / 14 A UL: 300 V / 10 A
Packaging	Box

Erstellungs-Datum January 13, 2014 8:56:23 AM CET

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Technische Daten

Dimensions and weights

Net weight	9.52 g

System parameters

Product family	OMNIMATE Signal - series RSV	Mounting onto the PCB	Solder connection
Outgoing elbow	180°	Pitch in mm (P)	5 mm
Pitch in inches (P)	0.197 inch	No. of poles	12
Solder pin length (l)	4.5 mm	Pin dimensions	d = 0.97 mm
Can be coded	Yes	Number of solder pins per pole	1
Solder eyelet hole diameter (D)	1.3 mm	Solder eyelet hole diameter tolerance (D)	+ 0,1 mm
L1 in mm	15 mm	L1 in inches	0.591 inch
Insulation resistance	10^6 Ω	Touch-safe protection acc. to DIN VDE 0470	IP 20
Touch-safe protection acc. to DIN VDE 57 106	Safe from finger touch		

Material data

Insulating material	Wemid (PA)	Colour	Pebble grey
Insulating material group	I	UL 94 flammability rating	V-0
CTI	≥ 600	Contact material	Cu-Leg
Contact surface	Gold-plated	Max. relative humidity during storage	75 %

DIN IEC rating data

Rated current, min. no. of poles (TU=20°C)	14 A	Rated current, max. no. of poles (Tu=20°C)	10 A
Rated current, number of poles (Tu=40°C), min	12 A	Rated current, number of poles (Tu=40°C), max.	8.5 A
Rated voltage for surge voltage class pollution degree III/3	250 V	Rated impulse voltage for surge voltage classcontamination degree III/3	4 kV
Rated voltage for surge voltage class pollution degree III/2	320 V	Rated impulse voltage for surge voltage classpollution degree III/2	2.5 kV
Rated voltage for surge voltage class pollution degree II/2	500 V	Rated impulse voltage for surge voltage classpollution degree II/2	2.5 kV
Short-time withstand current resistance	3 x 1s with 120 A		

CSA rating data

Institute (CSA)		Rated voltage (Use group C)	300 V
Rated current (use group C)	13 A		

UL 1059 rating data

Institute (UR)		Rated voltage (use group C)	300 V
Rated current (use group C)	10 A		

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Classifications

ETIM 3.0	EC001284	UNSPSC	30-21-18-10
eClass 5.1	27-26-07-01	eClass 6.2	27-26-07-03
eClass 7.1	27-44-01-01		

Notes

Notes	• Additional colours on request • Rated current related to rated cross-section & min. No. of poles. • Spacing between rows: see hole layout • Rated data refer only to the component itself. Clearance and creepage distances to other components are to be designed in accordance with the relevant application standards.

Approvals

Approvals	
ROHS	Conform

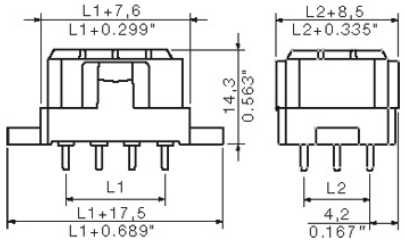
Downloads

CAD Library (P-CAD Format - ASCII)	RSV1.6.zip
CAD Library (P-CAD Format - Standard)	RSV1.6.zip

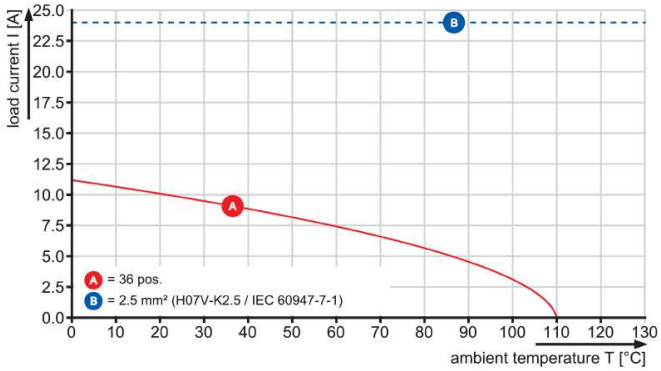
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Zeichnungen



RSV1.6 LB.. - RSV1.6 CS..



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