OMNIMATE Housing - series CH20M
SHL-SMT 5.00/02GL 1.5RL

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



Naturally, the CH20M system also shows its perfection in the peripheral interface.
If you are taking into consideration design options, processing, usability, reliability and security, then pin headers and connectors are just as critical in the real world as the entire system.
In every sector, the connection technology is at the top of its class.

- **100% non-interchangeable** the unique, captive "Auto-Set" encoding ensures a misconnection-proof assignment of the connections.
- **100% safe** Touch protection for the pin header and socket block on both sides
- **100% efficient** All THR pin headers are reflow compatible

General ordering data

Type	SHL-SMT 5.00/02GL 1.5RL
Order No.	1069650000
Version	PCB plug-in connector, male header, 5.00 mm, No. of poles: 2, 90°, Solder pin length (l): 4.2 mm, tinned, Tape
GTIN (EAN)	4032248825103
Qty.	260 pc(s).
Product data	IEC: 400 V UL: 300 V / 9 A / AWG 26 - AWG 12
Packaging	Tape

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Technische Daten

Dimensions and weights

Length	22 mm	Width	10.4 mm
Height	14.4 mm	Net weight	1.79 g

System parameters

Product family	OMNIMATE Housing - series CH20M	Outgoing elbow	90°
Pitch in mm (P)	5 mm	Pitch in inches (P)	0.197 inch
No. of poles	2	Solder pin length (l)	4.2 mm
Can be coded	Yes	Number of solder pins per pole	1
L1 in mm	5 mm	L1 in inches	0.197 inch

CSA rating data

Rated voltage (Use group B)	300 V	Rated current (use group B)	9 A
Rated voltage (Use group C)	50 V	Rated current (use group C)	9 A
Rated voltage (use group D)	300 V	Rated current (use group D)	9 A
Wire cross-section, AWG, min.	AWG 26	Wire cross-section, AWG, max.	AWG 12

UL 1059 rating data

Rated voltage (use group B)	300 V	Rated current (use group B)	9 A
Rated voltage (use group C)	50 V	Rated current (use group C)	9 A
Rated voltage (use group D)	300 V	Rated current (use group D)	9 A
Wire cross-section, AWG, min.	AWG 26	Wire cross-section, AWG, max.	AWG 12

Material data

UL 94 flammability rating	V-0	Insulating material	LCP
Contact material	Cu-Leg	Contact surface	tinned

Rated data according to DIN IEC

Rated current, max. no. of poles (Tu=20°C)	10 A	Rated current, number of poles (Tu=40°C), max.	9 A
Rated voltage for surge voltage class pollution degree II/2	400 V	Rated voltage for surge voltage class pollution degree III/2	320 V
Rated voltage for surge voltage class pollution degree III/3	250 V	Rated impulse voltage for surge voltage classpollution degree II/2	4 kV
Rated impulse voltage for surge voltage classpollution degree III/2	4 kV	Rated impulse voltage for surge voltage classcontamination degree III/3	4 kV

Classifications

eClass 6.2	27-26-07-04	eClass 7.1	27-44-04-02

Approvals

Approvals	
ROHS	Conform

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Zeichnungen

