

## CH20M SHL-SMT 5.00/04GL 5.9BX

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### 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

Order No.	<a href="#">1069770000</a>
Type	SHL-SMT 5.00/04GL 5.9BX
Version	PCB plug-in connector, male header, 5.00 mm, No. of poles: 4, Solder pin length: 5.9 mm, tinned, black, Box
Product data	IEC: 400 V UL:
EAN	4032248825097
Qty.	120 pc(s).
Packaging	Box

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## Technical data

### Dimensions

Length	27.6 mm	Width	20.4 mm
Height	14.4 mm		

### System parameters

Version	Connection element, left	Number of connections	4
Solder pin length	5.9 mm	Type of contact to PCB	Solder connection, direct
Tolerance for the PCB shape	±0.15 mm	Contact to terminal rail	No
Degree of protection	IP 20	Encapsulation option	No

### Material data

Flammability class UL 94	V-0	Insulating material	LCP
Colour	black	Contact material	Copper alloy
Contact surface	tinned	Continuous operating temp., min.	-20 °C
Continuous operating temp., max.	85 °C		

### Rating data to DIN IEC

Rated current, max. No. of poles (Tu=20°C)	10 A	Rated current, no. of poles (Tu=40°C), max.	9 A
Rated voltage for overvoltage class/pollution severity II/2	400 V	Rated voltage for overvoltage class/pollution severity III/2	320 V
Rated voltage at overvoltage category/pollution degree III/3	250 V	Rated impulse withstand voltage for overvoltage class/pollution severity II/2	4 kV
Rated impulse withstand voltage for overvoltage class/pollution severity III/2	4 kV	Rated impulse withstand voltage for overvoltage class/pollution severity III/3	4 kV

### Classifications

ETIM 4.0	EC002637	eClass 6.0	27-26-07-04
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### Approvals

Approvals	CURUS
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