

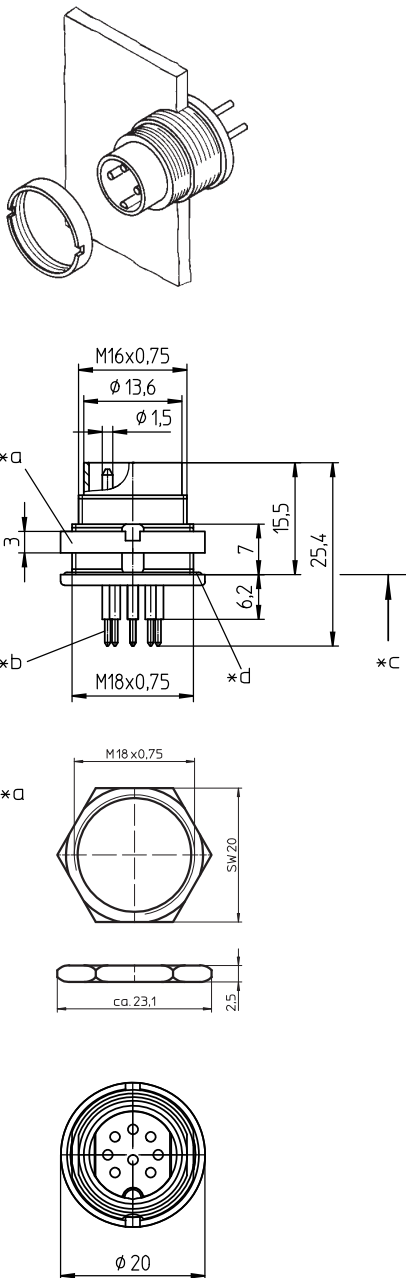
03 031799-2

Circular connectors with threaded joint M16 acc. to IEC 61076-2-106, IP40/IP67/IP68



SWUM™ chassis plug acc. to IEC 61076-2-106 and AISG specification, IP 68/67, with threaded joint, for printed circuit boards, manual soldering, for back side mounting, with hexagonal nut

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Environmental conditions

Temperature range -40 °C/+85 °C

Materials

Insulating body	PA, V-2 according to UL94
Contact pin	CuZn, silver-plated and flash gold-plated, tin-plated in solder area
Housing	Zn diecast, pre-copper and nickel-plated
Hexagonal nut	CuZn, nickel-plated
Seal	NBR

Mechanical data

Protection class IP68/67¹

¹ according to IEC 60529/DIN EN 60529

IP68: sealed in locked position; pair of appropriate connectors in locked position is sealed against ingress of dust and moisture.

IP67: sealed when unmated (SWUM™); no dust or moisture can ingress into the inside of the device through an unmated connector accidentally left unprotected.
IPX8 requirements under agreement between user and manufacturer

Electrical data (at T_{amb} 20 °C)

Rated current	5 A (T _{amb} 40 °C)
Rated voltage	60 V
Rated impulse voltage	1 kV/60 s
Material group	II (IEC)/I (UL) (CTI ≥ 450)
Overvoltage category	I
Insulation resistance	> 100 MΩ

Associated products

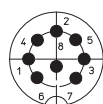
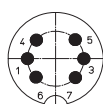
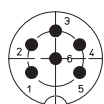
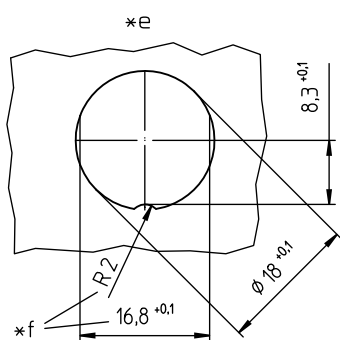
Counterparts

☞ 0321	☞ 0322	☞ 0322-1
☞ 032200	☞ 0360	☞ 036000

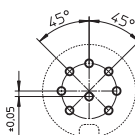
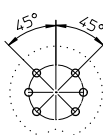
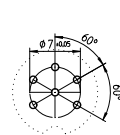
Accessories

☞ 0383	☞ 038399	☞ 0384
☞ 0385	☞ 038899	

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08-a
031799-2 08-1



08-a
031799-2 08-1

- $\ast a$ nut enclosed separately (hexagonal nut instead of a slit nut)
- $\ast b$ for bore hole in printed circuit board $\phi 1$ mm
- $\ast c$ mounting direction
- $\ast d$ O-ring gasket
- $\ast e$ port in mounting plate
- $\ast f$ anti-rotation, alternative execution

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Designation	Pole Number	PU (Pieces)	MDQ (Pieces)
031799-2 08-1	8	50	100

Packaging:

in a cardboard box