

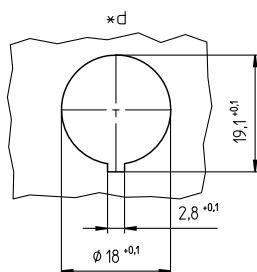
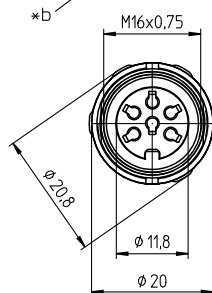
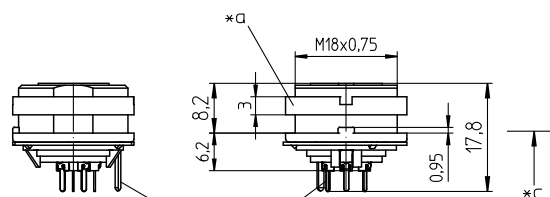
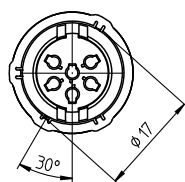
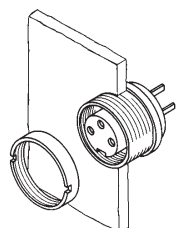
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Circular connectors with threaded joint M16 acc. to IEC 61076-2-106, IP40/IP67/IP68



Chassis socket acc. to IEC 61076-2-106, IP40, with threaded joint and ground contact, for printed circuit boards, for rear mounting

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Environmental conditions

Temperature range -40 °C/+85 °C

Materials

Insulating body	PA GF, V-0 according to UL94
Contact bush	CuZn, silver-plated and flash gold-plated, tin-plated in solder area
Ground contact	CuZn, pre-nickel and tin-plated
Housing	Zn diecast, pre-copper and nickel-plated
Ring screw	CuZn, nickel-plated

Mechanical data

Insertion force/contact	≤ 5.0 N ¹
Withdrawal force/contact	≥ 1.2 N ¹
Protection class	IP40 ²

¹ measured with a polished steel pin, nominal thickness 1.5 mm

² according to IEC DIN EN 60529, only in locked condition with an appropriate counterpart

Electrical data (at T_{amb} 20 °C)

Contact resistance	≤ 5 mΩ
Rated current	5 A (T _{amb} 40 °C)
Rated voltage	300 V (with pollution degree 1) 160 V (with pollution degree 2)
Rated impulse voltage	1500 V
Material group	II (IEC)/I (UL) (CTI ≥ 550)
Overvoltage category	I
Insulation resistance	> 100 MΩ

Associated products

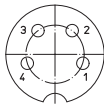
Counterparts			
SV	SV ...-8	WSV	
Accessories			
0381	038199	0384	
038799			

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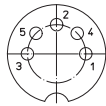
03-a

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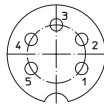
04-a

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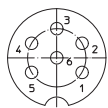
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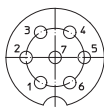
05-b

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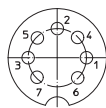
06-a

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07-a

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07-b

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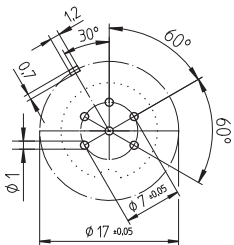
08-a

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12-a

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06-a

030398 06

- *a nut enclosed separately
- *b for bore hole in printed circuit board Ø 1 mm
- *c mounting direction
- *d port in mounting plate
- *e ground contact

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Designation	Pole Number	PU (Pieces)	MDQ (Pieces)
030398 06	6	50	100

Packaging:

in a cardboard box