

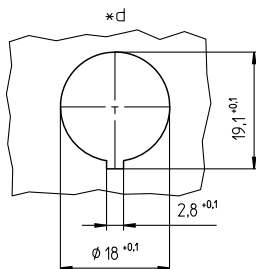
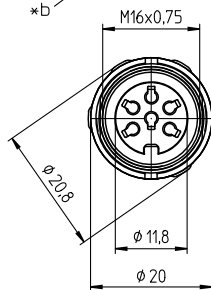
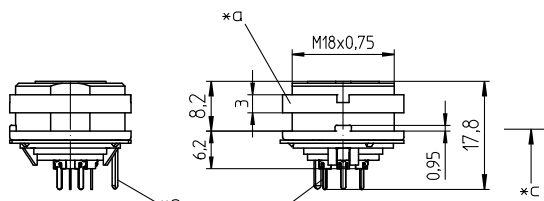
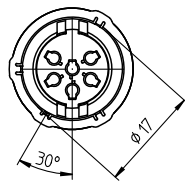
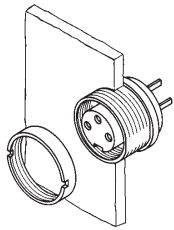
03 030398

Circular connectors with threaded joint M16 acc. to IEC 61076-2-106, IP40/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
Tightening torque connector	1-3 Nm
Tightening torque nut	1-3 Nm
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) ¹
Rated impulse voltage	1500 V ¹
Material group	II (IEC)/I (UL) (400 ≤ CTI < 600) ¹
Overvoltage category	I ¹
Insulation resistance	> 100 MΩ

¹ nach IEC 60664/DIN EN 60664, CTI-UL-Klassifizierung nach ANSI/UL 746A

Associated products

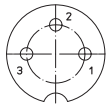
Counterparts			
 SV	 SV ... C	 SV ...-8	
 SV ...-8 C	 WSV	 WSV ... C	

Accessories			
 0381	 038199	 0384	
 0385	 038799		

Harnessing equipment
 ZMS 20

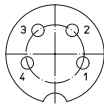
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Pin configurations, solder side view



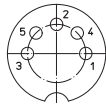
03-a

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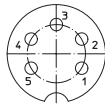
04-a

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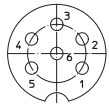
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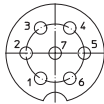


05-b

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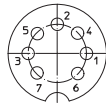


06-a
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07-a

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07-b

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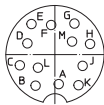


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08-a

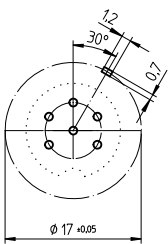
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12-a

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Printed circuit board layout, solder side view



06-a
030398 06

- *a nut enclosed separately
- *b for bore hole in printed circuit board \varnothing 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