Lumberg
passion for connections

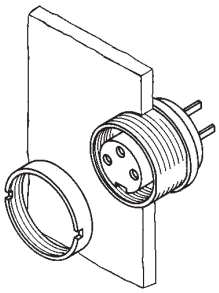
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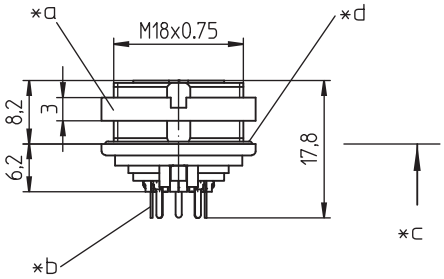
Circular connectors with threaded joint M16 acc. to IEC 61076-2-106, IP40/IP67/IP68

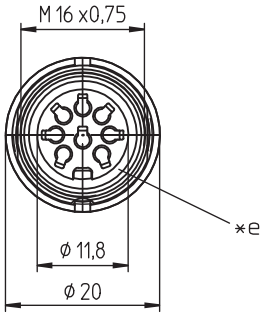


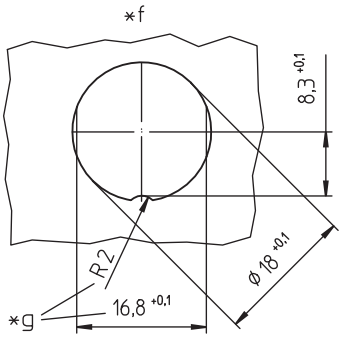
Chassis socket acc. to AISG specification and IEC 61076-2-106, IP 68, with threaded joint, for printed circuit boards, for back side mounting

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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
Housing	Zn diecast, pre-copper and nickel-plated
Ring screw	CuZn, nickel-plated
Seal	NBR

Mechanical data

Insertion force/contact	≤ 5.0 N [1]
Withdrawal force/contact	≥ 1.2 N [1]
Protection class	IP68 [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; IPX8 requirements under agreement between manufacturer and user

Electrical data (at T_{amb} 20 °C)

Contact resistance	≤ 5 mΩ
Rated current	5 A (T_{amb} 40 °C)
Rated voltage	100 V (with pollution degree 1) 32 V (with pollution degree 2)
Rated impulse voltage	500 V
Material group	II (IEC)/1 (UL) (CTI ≥ 550)
Overvoltage category	I
Insulation resistance	> 100 MΩ

Associated products

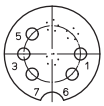
Counterparts

0331	0332	0332-1
033200	0365	036500

Accessories

0322 C 16	0381	038199
0384	0385	038799

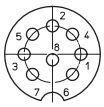
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*h
0307-1 05-3



-



08-a
0307-1 08-1

*a nut enclosed separately
*b for bore hole in printed circuit board Ø 1 mm
*c mounting direction
*d O-ring gasket
*e flat gasket
*f port in mounting plate
*g anti-rotation, alternative execution
*h pin configuration according to AISG C485

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Designation	Pole Number	PU (Pieces)	MDQ (Pieces)
0307-1 05-3	5	50	100
0307-1 08-1	8	50	100

Packaging:
in a cardboard box