Flush-type connector - SACC-CIP-M8FSD-4P SMD SH R32 - 1068454

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Flush-type connector, Ethernet/PROFINET CAT5 (100 Mbps), 4-position, Socket, straight, M8, D-coded, PCB mounting, SMD

Your advantages

- Reduced mounting costs thanks to two-piece device connector
- Packaging available for automated pick and place assembly
- All common pin assignments and codings available
- Easy device integration thanks to mechanical port screw connections with threaded attachment, press-in contour or direct integration in the front plate
- Additional gasket for the device when not plugged in

RoHS

Key Commercial Data

Packing unit	100 pc
Minimum order quantity	100 pc
GTIN	4 055626 801919
GTIN	4055626801919

Technical data

Ambient conditions

Ambient temperature (operation)	-25 °C ... 105 °C
	-40 °C ... 105 °C (without mechanical actuation)
Degree of protection	IP67 (correctly plugged in and locked)

General

Note	The electrical and mechanical data specified assume that the connector pair is correctly locked and mounted. If the connector is unlocked and if there is a danger of contamination, the connector must be sealed using a protective cap > IP54. Influences arising from litz wires, cables or PCB assembly must also be taken into consideration.
Rated current at 40°C	4 A
Rated voltage	50 V AC

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Technical data

General

	60 V DC
Rated surge voltage	1.5 kV
Number of positions	4
Insulation resistance	≥ 100 MΩ
Coding	D-coded
Standards/regulations	M8 connector IEC 61076-2-114 In line with
Signal type/category	Ethernet/PROFINET CAT5, 100 Mbps
Overvoltage category	II
Degree of pollution	3
Connection method	SMD
Insertion/withdrawal cycles	> 100
Mounting type	PCB mounting
Type of packaging	Belt

Material

Flammability rating according to UL 94	V0
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA
Sealing material	FKM

Cable

Standards/specifications	M8 connector IEC 61076-2-114 In line with
Transmission characteristics (category)	CAT5 (IEC 11801:2002)

Standards and Regulations

Standards/specifications	M8 connector IEC 61076-2-114 In line with
Flammability rating according to UL 94	V0

Environmental Product Compliance

REACh SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab “Downloads”, Category “Manufacturer's declaration”

Drawings

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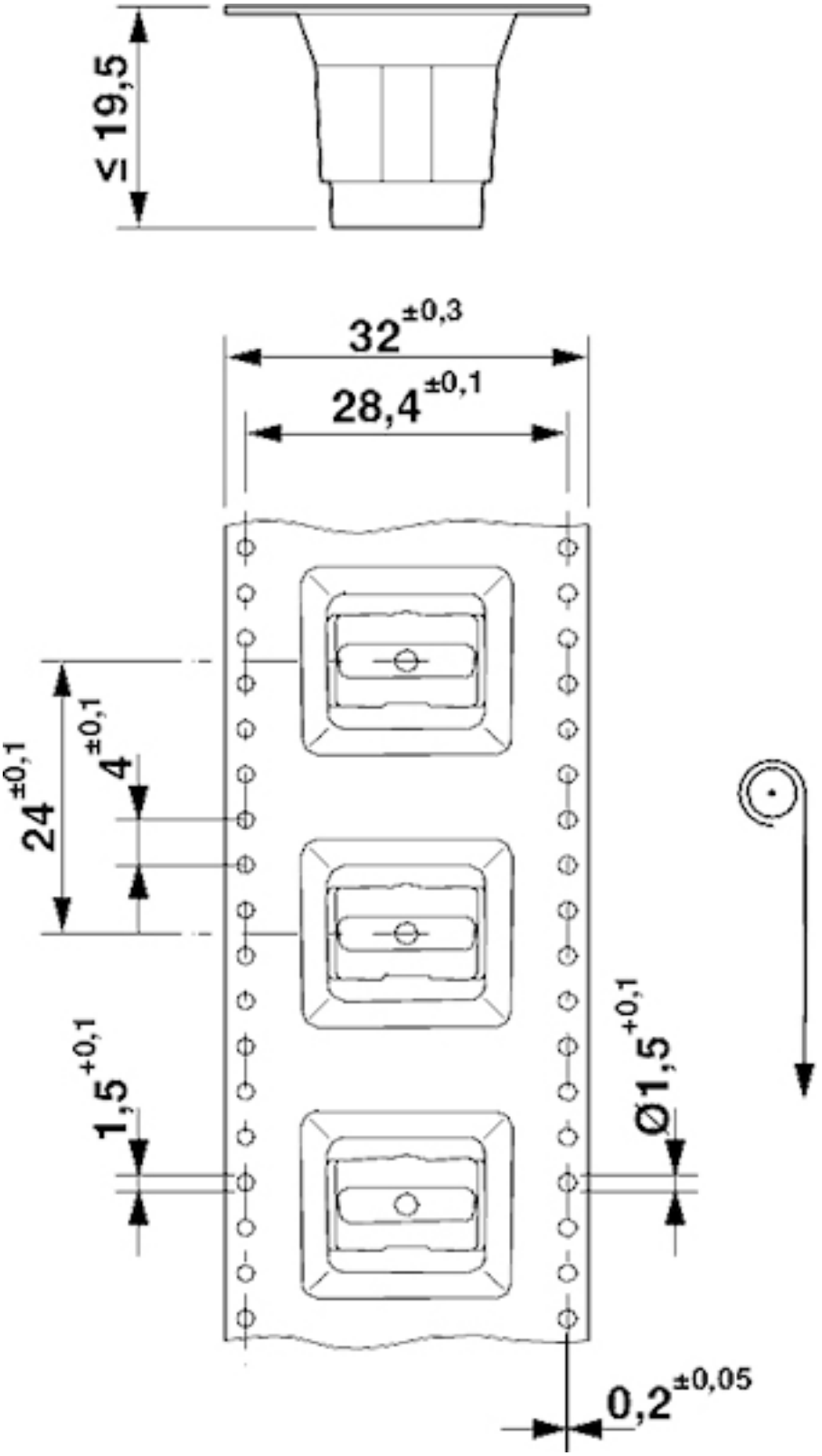
Dimensional drawing



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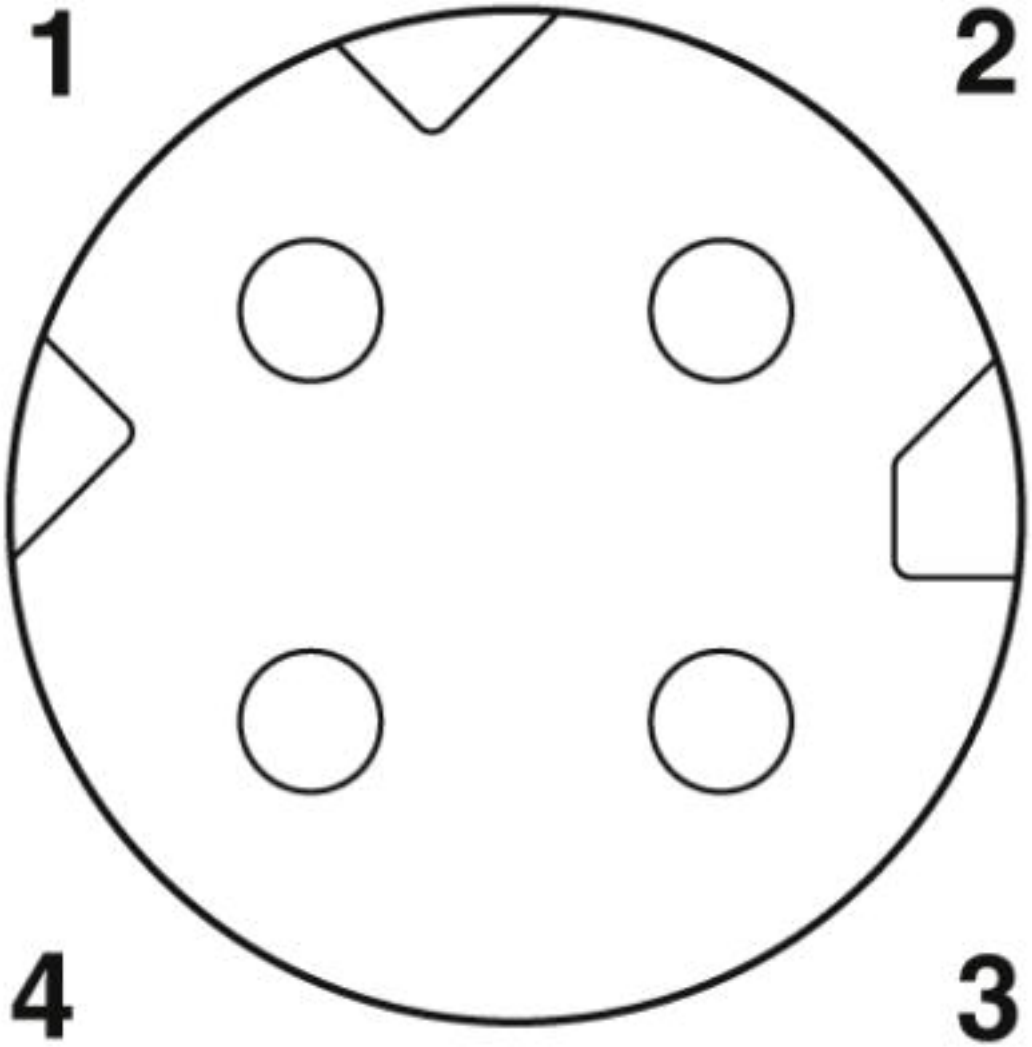
Schematic diagram



Pin assignment M8 socket, 4-pos., view female side

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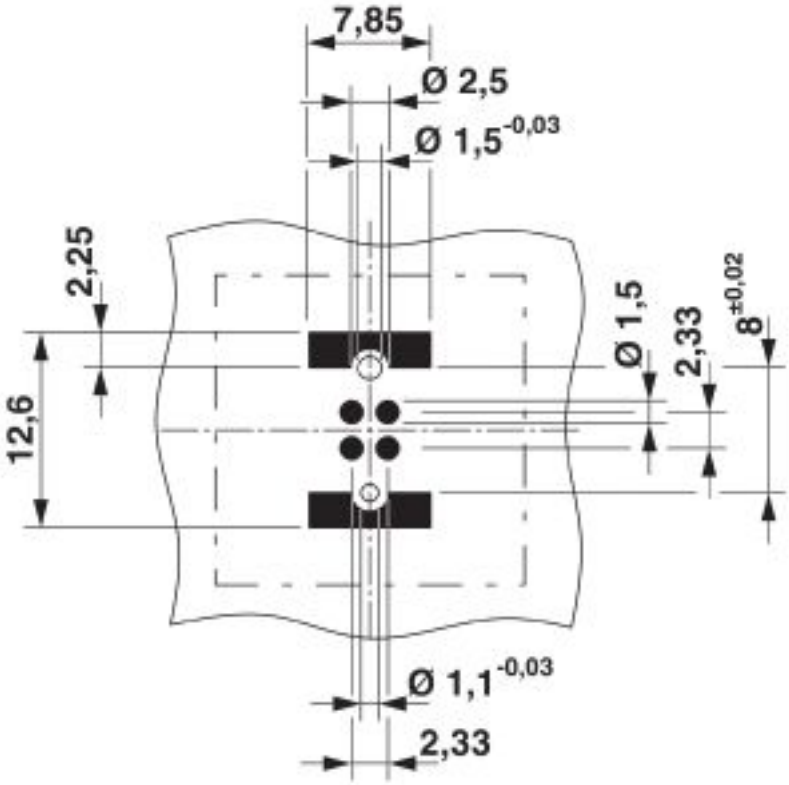
Drilling diagram



Drilling diagram

Classifications

eCl@ss

eCl@ss 10.0.1	27440109
eCl@ss 8.0	27440103
eCl@ss 9.0	27440103

ETIM

ETIM 5.0	EC002061
ETIM 6.0	EC002061

Approvals

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EAC / cULus Recognized

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Approvals

Ex Approvals

Approval details

EAC	EAC	B.01687

cULus Recognized	c UL us	http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E221474-20160506

Nominal voltage UN	30 V
Nominal current IN	3 A

Accessories

Accessories

Panel mounting base

Housing screw connection - SACC-BP-F-M8/M12 SMD - 1412506

M8 socket, rear mounting

Housing screw connection - SACC-FP-F-M8/M10 SMD - 1412504

M8 female connector, front mounting SMD with M10 screw fastening

Housing screw connection - SACC-FP-F-M8/PRESS SMD - 1412501

M8 socket, press-in mounting

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