

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

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Flush-type connector, 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

Key Commercial Data

Packing unit	1 pc
Minimum order quantity	100 pc
GTIN	 4 055626 801919
GTIN	4055626801919
Custom tariff number	85366990
Country of origin	Germany

Technical data

Ambient conditions

Ambient temperature (operation)	-25 °C ... 105 °C
	-40 °C ... 105 °C (without mechanical actuation)
Degree of protection	IP67

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

Technical data

General

Rated current at 40°C	4 A
Rated voltage	50 V AC
	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
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
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Standards and Regulations

Standard designation	M8 connector
Standards/regulations	IEC 61076-2-114
Flammability rating according to UL 94	V0

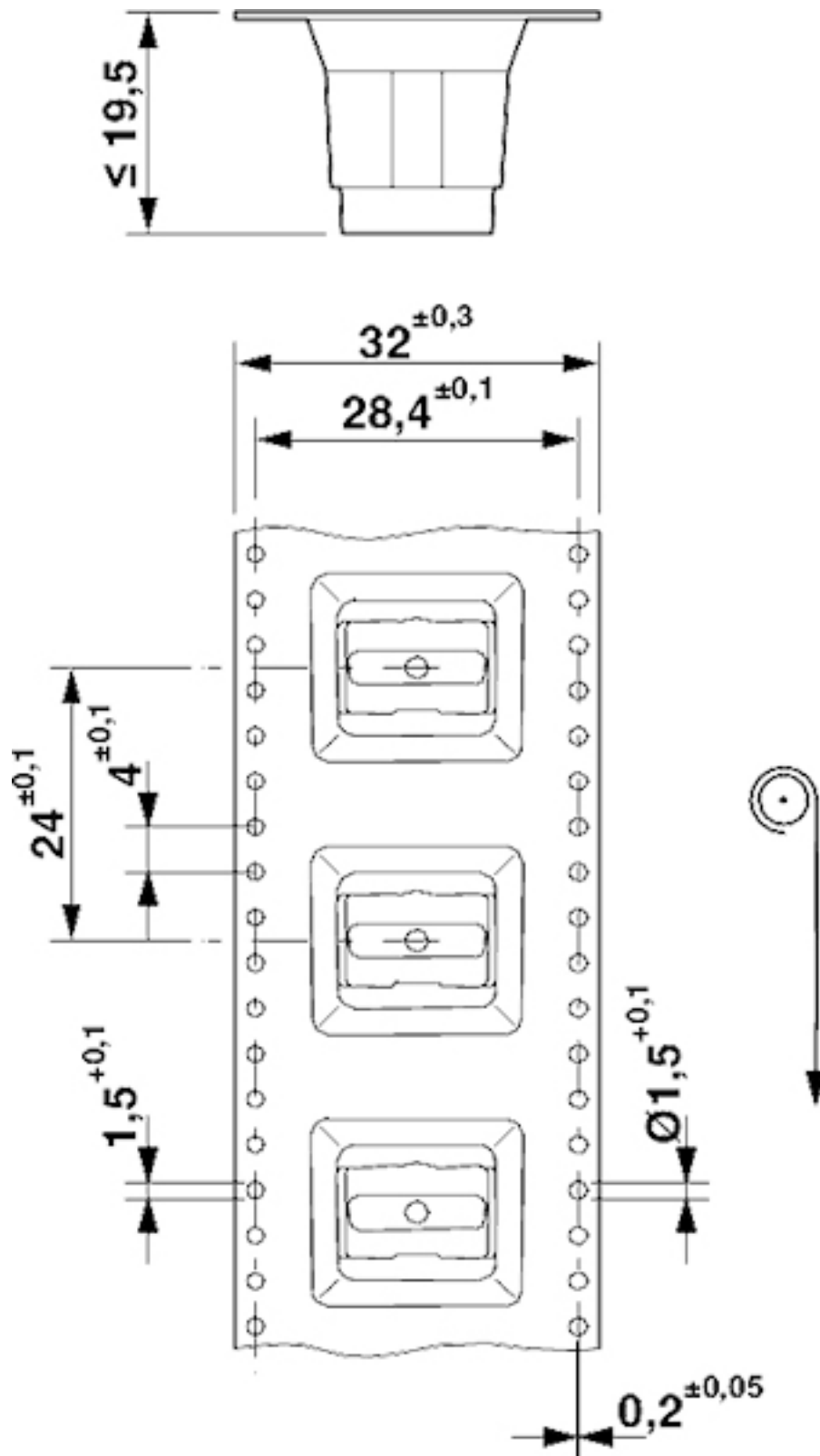
Environmental Product Compliance

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

Drawings

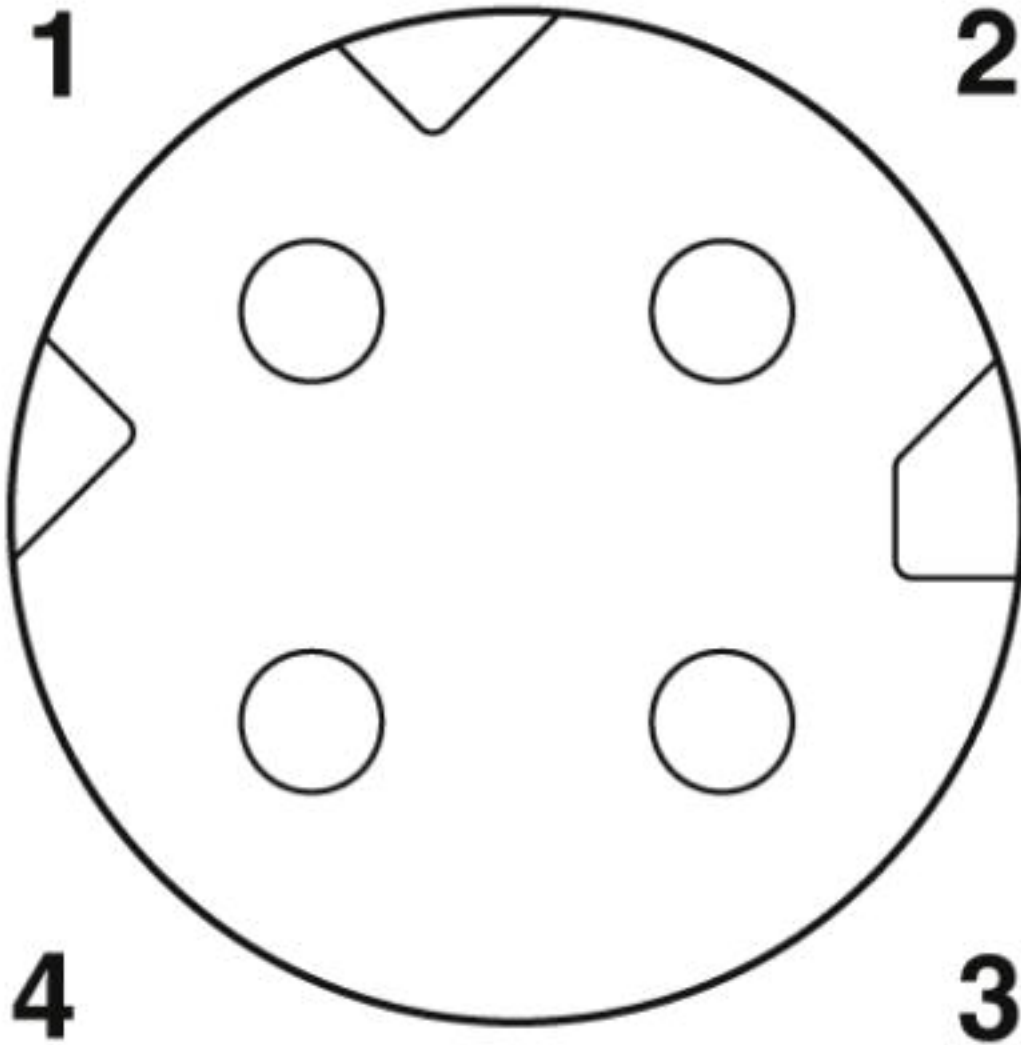
Flush-type connector - SACC-CIP-M8FSD-4P SMD SH R32 - 1068454

Dimensional drawing



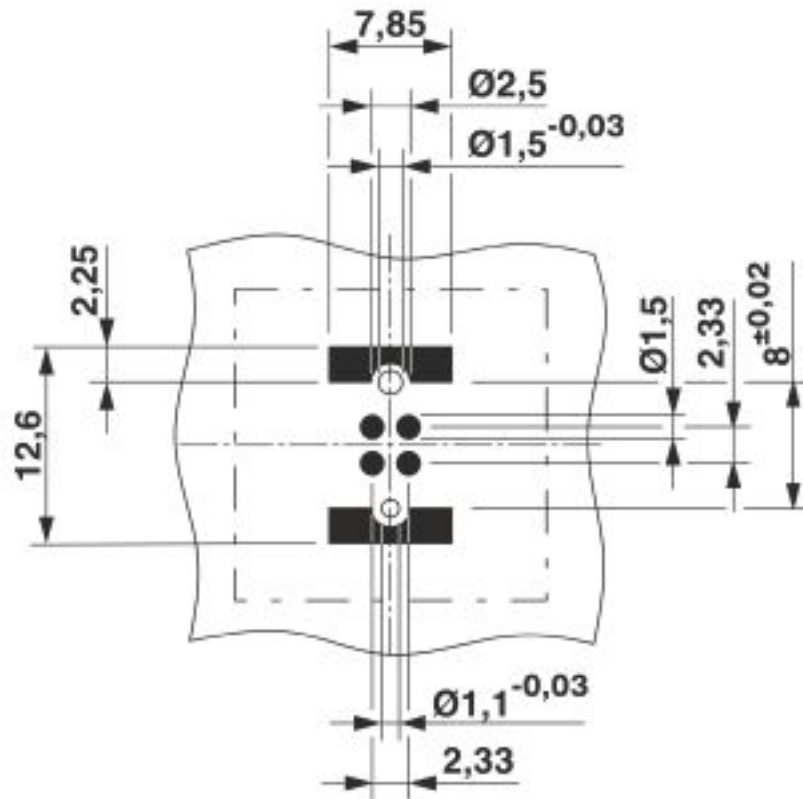
Flush-type connector - SACC-CIP-M8FSD-4P SMD SH R32 - 1068454

Schematic diagram



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

Drilling diagram



Classifications

eCl@ss

eCl@ss 8.0	27440103
eCl@ss 9.0	27440102

ETIM

ETIM 5.0	EC002061
ETIM 6.0	EC002061

Accessories

Accessories

Panel mounting base

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

Accessories

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

Flush-type connector - SACC-CI-M8FSD-4P SMD R32 - 1068453

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- ✓ Additional gasket for the device when not plugged in

Key Commercial Data

Packing unit	1 pc
Minimum order quantity	100 pc
GTIN	 4 055626 801902
GTIN	4055626801902
Custom tariff number	85366990
Country of origin	Germany

Technical data

Ambient conditions

Ambient temperature (operation)	-25 °C ... 105 °C
	-40 °C ... 105 °C (without mechanical actuation)
Degree of protection	IP67

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.
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Flush-type connector - SACC-CI-M8FSD-4P SMD R32 - 1068453

Technical data

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	60 V DC
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Number of positions	4
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Coding	D-coded
Standards/regulations	M8 connector IEC 61076-2-114
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

Cable

Standards/specifications	M8 connector IEC 61076-2-114
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Standards and Regulations

Standard designation	M8 connector
Standards/regulations	IEC 61076-2-114
Flammability rating according to UL 94	V0

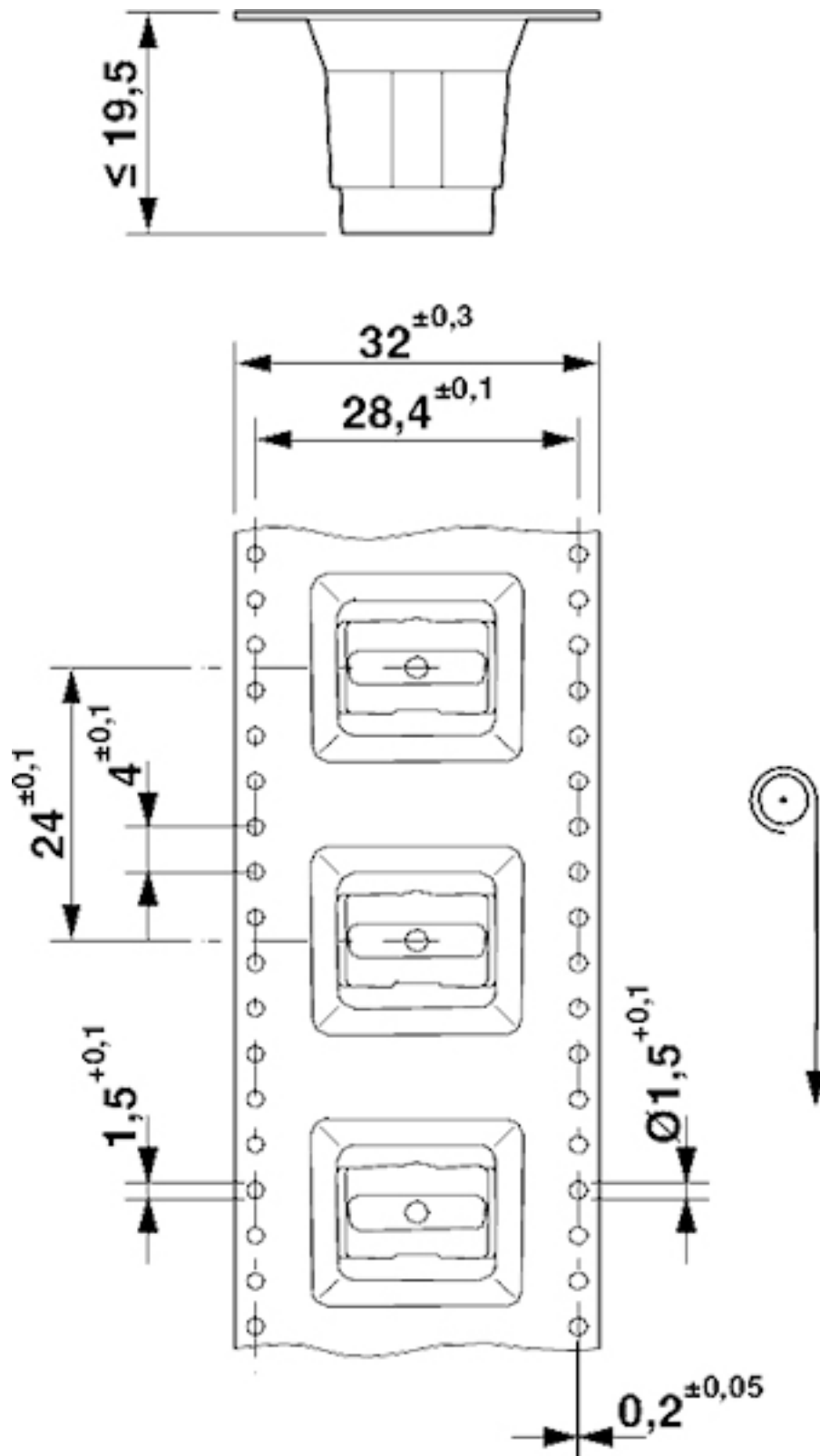
Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
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Drawings

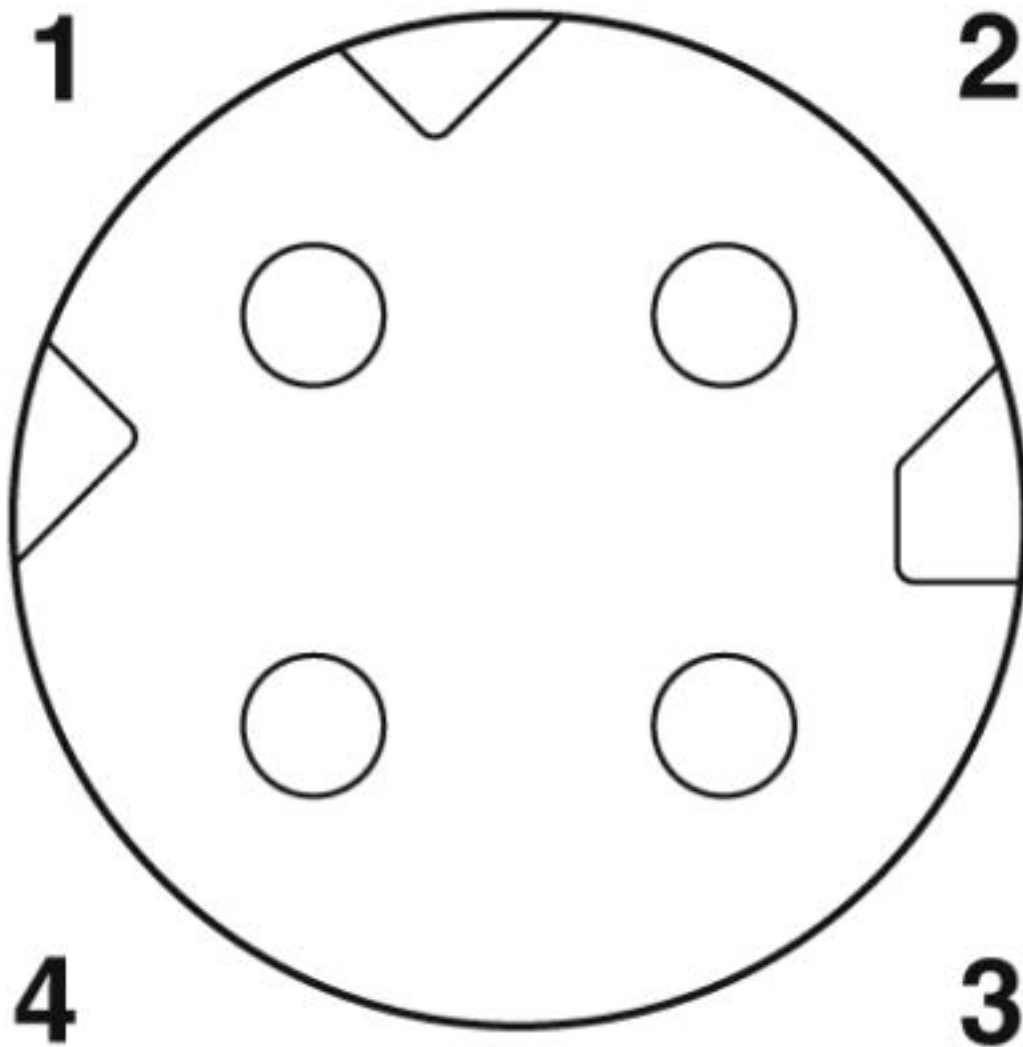
Flush-type connector - SACC-CI-M8FSD-4P SMD R32 - 1068453

Dimensional drawing



Flush-type connector - SACC-CI-M8FSD-4P SMD R32 - 1068453

Schematic diagram



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

Flush-type connector - SACC-CI-M8FSD-4P SMD R32 - 1068453

Accessories

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

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

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M8 female connector, front mounting SMD with M10 screw fastening

Your advantages

- ✓ Reduced mounting costs thanks to two-piece device connector
- ✓ Easy device integration, thanks to mechanical port screw connections with threaded fastening
- ✓ Efficient PCB assembly: two-piece connectors for SMT soldering

RoHS

Key Commercial Data

Packing unit	1 pc
Minimum order quantity	10 pc
GTIN	 4 046356 989077
GTIN	4046356989077
Weight per Piece (excluding packing)	4.000 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Ambient conditions

Ambient temperature (operation)	-40 °C ... 85 °C (without mechanical actuation)
Degree of protection	IP67, when in locked state

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

Technical data

General

	a protective cap > IP54. Influences arising from litz wires, cables or PCB assembly must also be taken into consideration.
Standards/regulations	M8 connector In line with
Mounting type	Front mounting M10 x 0.75

Material

Material, knurls	Nickel-plated brass
Material	Brass, nickel-plated
Sealing material	FKM (O-ring on housing)
	FKM (O-ring (pin connector pattern))

Cable

Standards/specifications	M8 connector In line with
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Standards and Regulations

Standard designation	M8 connector
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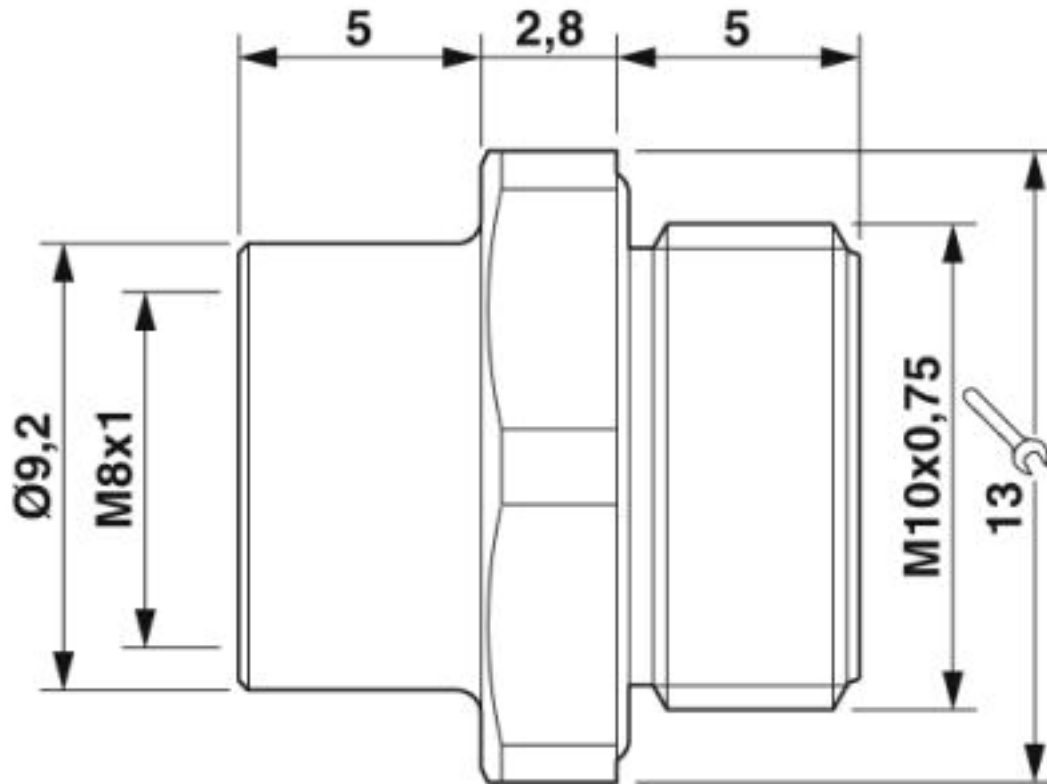
Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

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

Dimensional drawing



Classifications

eCl@ss

eCl@ss 10.0.1	27371392
eCl@ss 4.0	27378000
eCl@ss 4.1	27378000
eCl@ss 5.0	27379100
eCl@ss 5.1	27379100
eCl@ss 6.0	27379200
eCl@ss 7.0	27379201
eCl@ss 8.0	27379201
eCl@ss 9.0	27379201

ETIM

ETIM 5.0	EC002498
ETIM 6.0	EC002498
ETIM 7.0	EC002498

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

Classifications

UNSPSC

UNSPSC 13.2	39121421
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Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC		B.01742
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Accessories

Accessories

Panel mounting base

Nut - SACC-M10-NUT - 1412508



M10 flat nut

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

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M8 socket, rear mounting

Your advantages

- ✓ Reduced mounting costs thanks to two-piece device connector
- ✓ Easy device integration, thanks to mechanical port screw connections with threaded fastening
- ✓ Efficient PCB assembly: two-piece connectors for SMT soldering

RoHS

Key Commercial Data

Packing unit	1 pc
Minimum order quantity	20 pc
GTIN	 4 046356 989114
GTIN	4046356989114
Weight per Piece (excluding packing)	10.000 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Material

Material	Brass, nickel-plated
Sealing material	FKM

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50

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

Technical data

Environmental Product Compliance

	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"
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Classifications

eCl@ss

eCl@ss 10.0.1	27371392
eCl@ss 4.0	27378000
eCl@ss 4.1	27378000
eCl@ss 5.0	27379100
eCl@ss 5.1	27379100
eCl@ss 6.0	27379200
eCl@ss 7.0	27379201
eCl@ss 8.0	27379201
eCl@ss 9.0	27379201

ETIM

ETIM 5.0	EC002498
ETIM 6.0	EC002498
ETIM 7.0	EC002498

UNSPSC

UNSPSC 13.2	39121421
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Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

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

Approvals

EAC



B.01742

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

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M8 socket, press-in mounting

Your advantages

- ✓ Reduced mounting costs thanks to two-piece device connector
- ✓ Easy device integration, thanks to mechanical port screw connections with press-in contour
- ✓ Efficient PCB assembly: two-piece connectors for SMT soldering

RoHS

Key Commercial Data

Packing unit	1 pc
Minimum order quantity	10 pc
GTIN	 4 046356 989107
GTIN	4046356989107
Weight per Piece (excluding packing)	2.000 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

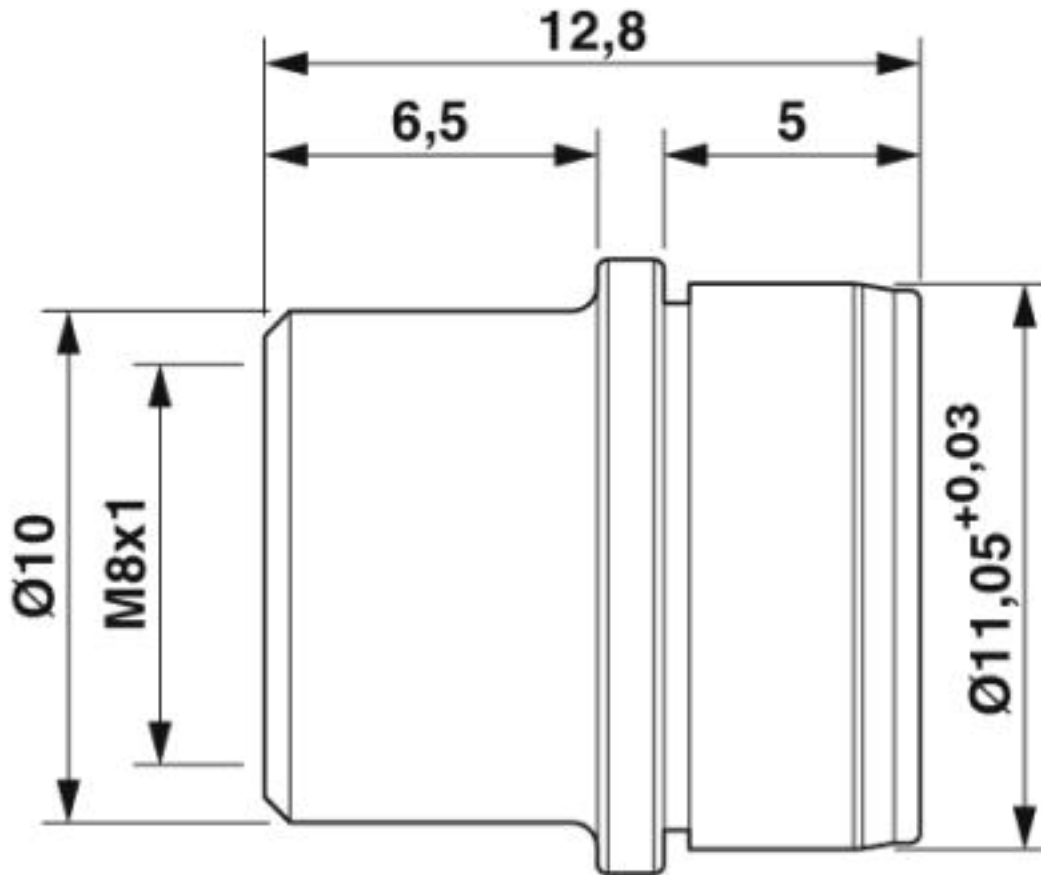
Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Drawings

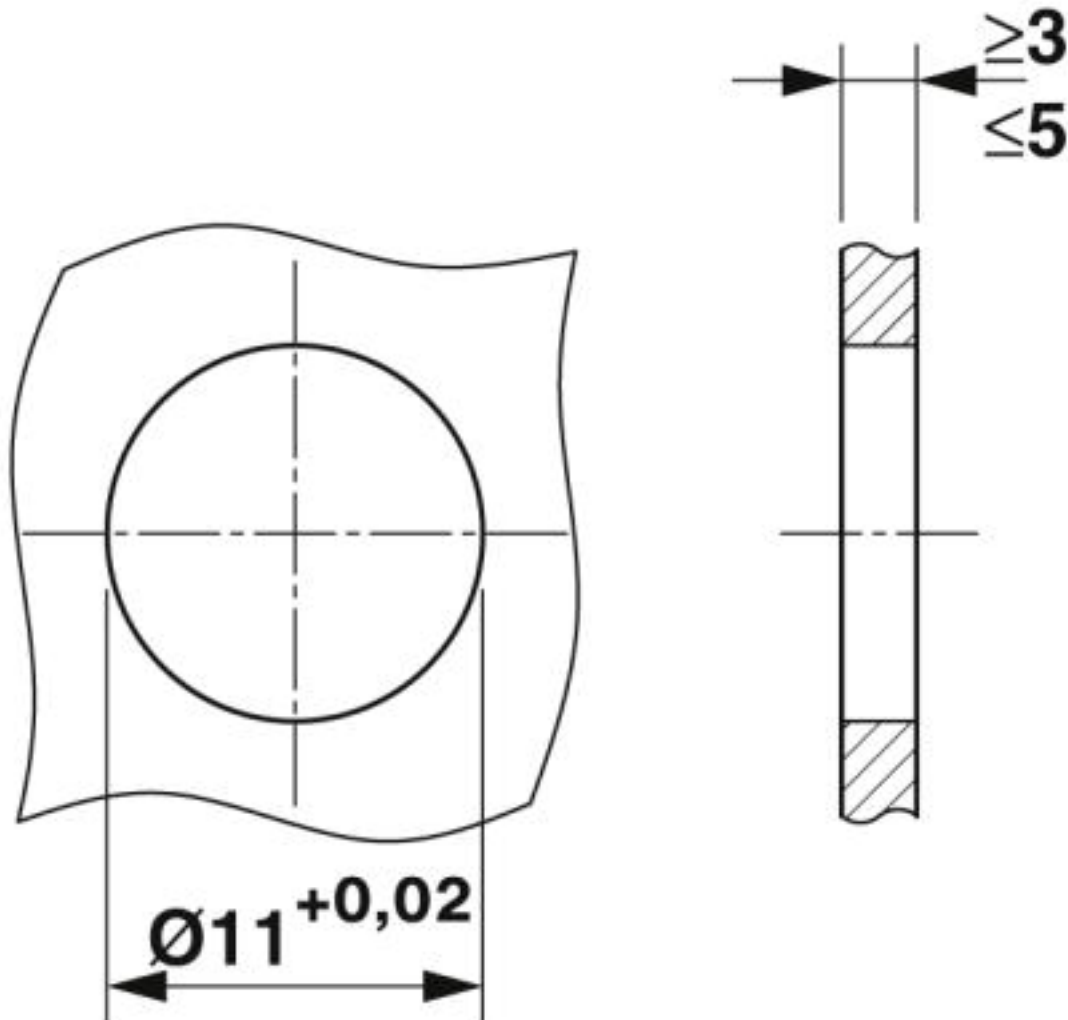
Housing screw connection - SACC-FP-F-M8/PRESS SMD - 1412501

Dimensional drawing



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

Dimensional drawing



Housing bore holes

Classifications

eCl@ss

eCl@ss 10.0.1	27371392
eCl@ss 4.0	27378000
eCl@ss 4.1	27378000
eCl@ss 5.0	27379100
eCl@ss 5.1	27379100
eCl@ss 6.0	27379200

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

Classifications

eCl@ss

eCl@ss 7.0	27379201
eCl@ss 8.0	27379201
eCl@ss 9.0	27379201

ETIM

ETIM 5.0	EC002498
ETIM 6.0	EC002498
ETIM 7.0	EC002498

UNSPSC

UNSPSC 13.2	39121421
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Approvals


Approvals

Approvals

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Ex Approvals

Approval details

EAC		B.01742
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