

Housing screw connection - SACC-FP-F-M12/PRESS SMD - 1412081

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Housing screw connection, socket, for the two-part M12 SMD connector, for 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 | 10 pc |
| Minimum order quantity | 10 pc |
| GTIN |  4 046356 992978 |
| GTIN | 4046356992978 |
| Weight per Piece (excluding packing) | 8.280 g |
| Custom tariff number | 74153300 |
| Country of origin | Germany |

Technical data

Ambient conditions

| | |
|---------------------------------|---|
| Ambient temperature (operation) | -25 °C ... 85 °C (Plug / socket) |
| | -40 °C ... 85 °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. |
| Standards/regulations | M12 connector IEC 61076-2-101 In line with |

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Technical data

General

| | |
|-----------------------------|----------------------------------|
| Insertion/withdrawal cycles | > 100 |
| Mounting type | Front mounting Press-in mounting |

Material

| | |
|------------------|--------------------------------------|
| Material, knurts | Nickel-plated brass |
| Material | Brass, nickel-plated |
| Sealing material | FKM (O-ring (pin connector pattern)) |

Cable

| | |
|--------------------------|--|
| Standards/specifications | M12 connector IEC 61076-2-101 In line with |
|--------------------------|--|

Standards and Regulations

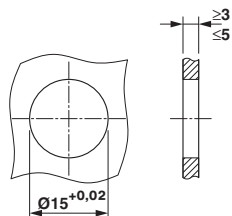
| | |
|-----------------------|-----------------|
| Standard designation | M12 connector |
| Standards/regulations | IEC 61076-2-101 |

Environmental Product Compliance

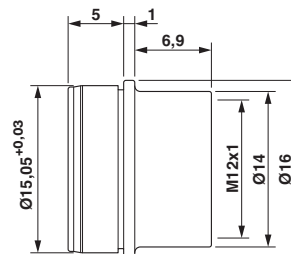
| | |
|------------|---|
| REACH SVHC | Lead 7439-92-1 |
| China RoHS | Environmentally Friendly Use Period = 50 |
| | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

Drawings

Dimensional drawing



Dimensional drawing



Housing bore holes

Classifications

eCl@ss

| | |
|------------|----------|
| 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 |

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Classifications

UNSPSC

| | |
|-------------|----------|
| UNSPSC 13.2 | 39121421 |
|-------------|----------|

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

| | | |
|-----|---|---------|
| EAC |  | B.01742 |
|-----|---|---------|
