

# Flush-type connector - SACC-CI-M12FST-4P SMD T - 1411918


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Flush-type connector, 4-position, SocketLink:straightLink:M12, T power, PCB mounting, SMD



## Key Commercial Data

Packing unit	60 pc
Minimum order quantity	60 pc
GTIN	 4 046356 989305
Weight per Piece (excluding packing)	3.62 g
Custom tariff number	85366990
Country of origin	Germany
Product key	ABQEAD
Note	Made to Order (non-returnable)

## Technical data

### Ambient conditions

Ambient temperature (operation)	-25 °C ... 105 °C (Plug / socket)
	-55 °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	12 A
Rated voltage	60 V
Rated surge voltage	1.5 kV
Number of positions	4
Insulation resistance	≥ 100 MΩ
Coding	T power

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## Technical data

### General

Standards/regulations	M12 connector IEC 61076-2-111 In line with
Overvoltage category	III
Pollution degree	3
Connection method	SMD
Insertion/withdrawal cycles	> 100
Mounting type	PCB mounting
Type of packaging	Tray

### Material

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

### Standards and Regulations

Standard designation	M12 connector
Standards/regulations	IEC 61076-2-111
Flammability rating according to UL 94	V0

## Classifications

### eCl@ss

eCl@ss 5.1	27143423
eCl@ss 6.0	27143423
eCl@ss 8.0	27440103

### ETIM

ETIM 5.0	EC002061
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## Approvals

### Approvals

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#### Approvals

UL Listed / cUL Listed / cULus Listed

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#### Ex Approvals

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#### Approvals submitted

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## Approvals

### Approval details

UL Listed	
Nominal current IN	10 A
Nominal voltage UN	63 V

cUL Listed	
Nominal current IN	8 A
Nominal voltage UN	63 V

cULus Listed	
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## Accessories

### Accessories

#### Contact insert

Sample set - SACC-CI-M12FST-4P SMD-SP - 1418631



Sample set, 4-position, SocketLink:straightLink:M12, T power, PCB mounting, SMD

### Panel mounting base

Housing screw connection - SACC-BP-F-M12/M15-6-SMD - 1414021



Housing screw connection, SocketLink:M12, Rear mounting, M15 x 1

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## Accessories

Housing screw connection - SACC-BP-F-M12/M15-6-SMD SCO - 1414023



Housing screw connection, SocketLink:M12-SPEEDCON, Rear mounting, M15 x 1

Housing screw connection - SACC-FP-F-M12/M14 SMD - 1412079



Housing screw connection, SocketLink:M12, Front mounting, M14 x 1

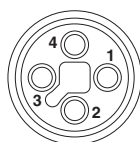
Housing screw connection - SACC-FP-F-M12/PRESS SMD - 1412081



Housing screw connection, socket, for the two-part M12 SMD connector, for press-in mounting.

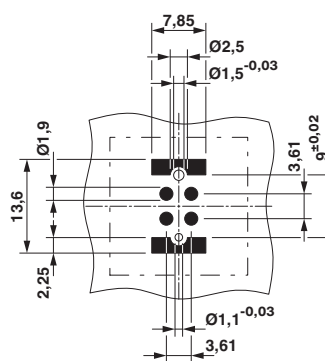
## Drawings

Schematic diagram



Connector pin assignment of M12 socket, 4-pos., T-coded, view of socket side

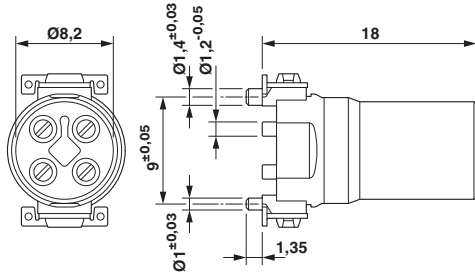
Drilling diagram



Soldering pad geometry

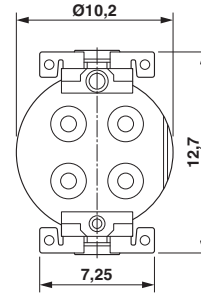
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Dimensional drawing



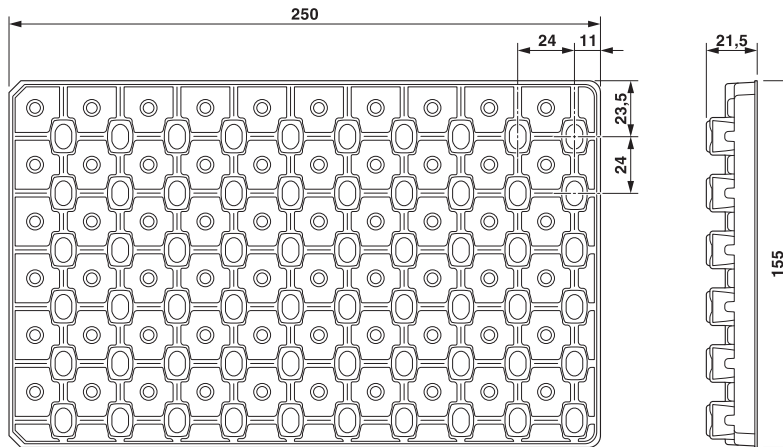
M12 female connector contact carrier

Dimensional drawing



View of solder side

Dimensional drawing



SMD tray packaging