

SPE PCB connector - SPE-T1-M8MSM-180 - 1163793

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SPE PCB connector, type: IEC 63171-5, degree of protection: IP65/IP67, number of positions: 2, CAT B (ISO/IEC 63171), connection method: THR solder connection, Single Pair Ethernet

Your advantages

- ✔ Connectors in accordance with IEC 63171-5
- ✔ THR solderable
- ✔ Data transmission up to 600 MHz



Key Commercial Data

Packing unit	100 pc
Minimum order quantity	100 pc
GTIN	 4 063151 176617
GTIN	4063151176617
Weight per Piece (excluding packing)	5.640 g
Sales Key	ABNABB

Technical data

Dimensions

Width	10.1 mm
Height	24 mm
Length	14.5 mm

Ambient conditions

Ambient temperature (storage/transport)	-40 °C ... 85 °C
Ambient temperature (operation)	-40 °C ... 85 °C
Degree of protection	IP65/IP67 (in combination with M8 housing screw connection)

General

Number of positions	2
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Technical data

General

Insulation resistance	> 1 TΩ
Overvoltage category	I
Degree of pollution	2
Connection method	THR solder connection
Transmission characteristics (category)	CAT B (ISO/IEC 63171)
Halogen-free	yes
Resistance to oil	yes
Flame resistance	UL 94 V0
Locking type	Screw locking
Rated voltage (III/2)	72 V DC
Rated current	4 A
Type	SPE

Material

Flammability rating according to UL 94	V0
Contact material	Copper alloy
Contact surface material	Gold
Contact carrier material	LCP

Cable

Test voltage Core/Core	1000 V DC
Test voltage Core/Shield	2250 V DC
Flame resistance	UL 94 V0
Halogen-free	yes
Resistance to oil	yes

Connection data for connection 1

Rated current	4 A
Rated voltage (III/2)	72 V DC
Specification	IEC 60068-2-58
	IPC-A-610
	IPC/JEDEC J-STD-020
Moisture Sensitive Level	MSL1

Standards and Regulations

Flame resistance	UL 94 V0
Resistance to oil	yes
Halogen-free	yes
Flammability rating according to UL 94	V0

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Classifications

eCl@ss

eCl@ss 10.0.1	27440390
eCl@ss 11.0	27440390
eCl@ss 9.0	27440402

Accessories

Accessories

Panel mounting base

Housing screw connection - SACC-FP-M-M8/M10 SMD - 1412502



M8 pin, front mounting SMD with M10 screw fastening

Housing screw connection - SACC-BP-M-M8/M12 SMD - 1412505



M8 pin, rear mounting