PHŒNIX CONTACT

SPE PCB connector - SPE-T1-M8MRM-90 - 1163795

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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

RoHS

Key Commercial Data

Packing unit	100 pc
Minimum order quantity	100 pc
GTIN	4 063151 176136
GTIN	4063151176136
Weight per Piece (excluding packing)	8.180 g
Custom tariff number	85366990
Sales Key	ABNIDA

Technical data

Dimensions

Width	15.2 mm
Height	14.5 mm
Length	31.6 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

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Technical data

General

Number of positions	2
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

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

Standards and Regulations

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

Classifications

eCl@ss

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

Accessories

Accessories

Panel mounting base

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Accessories

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