INDUSTRIAL COMPONENT DATA

SPE-T1-M12FRF-90 1363341 PHOENIX CONTACT SPE PCB Connectors, Construction: SPE, Protection Rating: IP65/IP67..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPE-T1-M12FRF-90



Manufacturer	PHOENIX CONTACT
MPN / Reference	SPE-T1-M12FRF-90
Catalog number	1363341
Category	Printed circuit board connector
Minimum order	80 Pcs
Document ID	EO-5A1EB234BD
Generated	2026-11-19

Product Overview

SPE PCB Connectors, Construction: SPE, Protection Rating: IP65/IP67, Number of Poles: 2, Material: LCP, Connection Type: THR Soldering Connection, Cable Outlet: Straight, Color: Black, Single Pair Ethernet
SPE PCB connector, design: SPE, degree of protection: IP65/IP67, number of positions: 2, material: LCP, connection method: THR solder connection, cable outlet: straight, color: black, Single Pair Ethernet

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	PHOENIX CONTACT > Field Device Connectors (FDC)

Additional Product Information

Technical dataProduct propertiesType SPE
Product type Data connector (device side)
Sensor type Single Pair Ethernet
Number of positions 2
Type of packaging Tape and Reel
[W] tape width 44.00 mm
[A] coil diameter 330.00 mm
[W2] coil overall dimension 50.40 mm
Number of slots 1
Cable outlet straight
Thread type M12
Insulation characteristics

Overvoltage category II
Degree of pollution 2
Electrical propertiesMaximum load current 4 A
Rated surge voltage 500 V
Rated current 4 A
Insulation resistance min. 1 T?
Contact resistance 20 m?
Transmission medium Copper
Transmission characteristics (category) CAT B
Transmission speed 1 Gbps
Power transmission PoDL
Output dataTransmission frequency 600.00 MHz
Connection dataConnection technology
Connection method THR solder connection
InterfacesTransmission speed 1 Gbps1 Gbps
DimensionsWidth 15.3 mm
Height 14.4 mm
Length 28.7 mm
Installed height 12.00 mm
Orientation to 90.00 °
Material specificationsColor black
Color of the housing part black
Flammability rating according to UL 94 V0
Housing surface material Ni/Sn
Contact material Cu alloy
Contact surface material Au/Ni
Housing material LCP
Cable/lineTest voltage Core/Core 1000 V DC
Test voltage Core/Shield 2250 V DC
Test voltage, cable 300 V
Mechanical propertiesMechanical data
Insertion/withdrawal cycles > 100
Insertion force per signal contact < 30.00 N (in accordance with IEC 63171)
Extraction force per signal contact < 30 N (in accordance with IEC 63171)
Smallest bending radius 21,2 mm...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPE-T1-M12FRF-90 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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