INDUSTRIAL COMPONENT DATA

SPE-T1-M12MRM-90 1363338 PHOENIX CONTACT Connectors for SPE printed circuit board, design: SPE, protection i..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPE-T1-M12MRM-90



Manufacturer	PHOENIX CONTACT
MPN / Reference	SPE-T1-M12MRM-90
Catalog number	1363338
Category	Printed circuit board connector
Minimum order	80 Pcs
Document ID	EO-DE0C131409
Generated	2026-11-19

Product Overview

Connectors for SPE printed circuit board, design: SPE, protection index: IP65/IP67, number of poles: 2, material: LCP, connection type: THR solder connection, cable output: straight, color: black, Single Pair Ethernet
SPE PCB Connectors, Construction: SPE, Protection Rating: IP65/IP67, Number of Poles: 2, Material: TPU, Connection Type: THR Soldering 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 dataItem PropertiesConstruction SPE
Product Type Data connectors (equipment side)
Sensor Type Single Pair Ethernet
Number of poles 2
Type of packaging Tape and Reel
Belt Width [W] 44.00 mm
Coil Diameter [A] 330.00 mm
External Coil Measurements [W2] 50.40 mm
Number of plug-in stations 1
Cable outlet straight
Thread Type M12
Insulation Properties

Surge Category Ii
Degree of pollution 2
Electrical PropertiesMaximum Charging Current 4 A
Dimensioning Transient Voltage 500 V
Rated Current 4 A
Insulation resistance min. 1 T?
Low contact resistance 20 m?
Transmission Medium copper
Transmission Characteristics (Category) CAT B
Transmission speed 1 GBit/s
Power Transmission PoDL
Output DataTransmission Frequency 600.00 MHz
Connection dataConnection technology
Connection type THR Weld Connection
InterfacesTransmission speed 1 GBit/s1 GBit/s
DimensionsWidth 15.3 mm
Height 14.4 mm
Longitude 31.6 mm
Overall Height 12.00 mm
Orientation to 90,00 °
Material DataColour black
Color of the housing part black
Flammability class according to UL 94 V0
Housing Surface Material Ni/SN
Contact material Cu Alloy
Material: Contact Surface Au/Ni
Shell material LCP
Cable/LineTest Voltage Conductor/Conductor 1000 V DC
Test Voltage Conductor/Display 2250 V DC
Test Voltage Cable 300 V
Mechanical PropertiesMechanical data
Plug Cycles > 100
Effort when plugging in due to signal contact < 30.00 N (according to IEC 63171)
Effort when unplugging due to signal contact < 30 N (according to IEC 63171)
Smal...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPE-T1-M12MRM-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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