SACC-DSI-M12FSL4FEM16XL-L180GR - Device connector rear mounting



1425591

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Device connector rear mounting, Power, 5-position, Socket, straight, M12, coding: L, Rear mounting, M16 x 1.5, Wave soldering, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1~%) item no.: 1239522

Your advantages

- Easy PCB assembly: one-piece connectors for wave soldering
- · For compact devices: transmit high power in a confined space
- Easy-to-install, optimized XL housing contour with wrench size 19
- · Mechanical tightening limitation for long-term-stable gasket

Commercial data

Item number	1425591
Packing unit	20 pc
Minimum order quantity	20 pc
Note	Made to order (non-returnable)
Sales key	AB26
Product key	ABQEHN
GTIN	4055626428444
Weight per piece (including packing)	18.255 g
Weight per piece (excluding packing)	18 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Notes

Notes on operation	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.
Notes on operation	FE not connected to metal parts that can be touched, no protective function
Order information:	Lock nut is included in the scope of delivery

Mounting

Mounting type	Rear mounting M16 x 1.5 With flat nut
Assembly instructions	With flat nut

Product properties

Product type	Circular connectors (device side)
Sensor type	Power
Number of positions	5
Coding	L
Thread type	M12

Insulation characteristics

Overvoltage category	Ш
Degree of pollution	3

Material specifications

Flammability rating according to UL 94	V0
Seal material	FKM
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA
Material for screw connection	Zinc die-cast, nickel-plated

Electrical properties

Rated voltage in acc. with IEC 61076-2-101	630 V
Rated surge voltage	1.5 kV
Nominal voltage U _N	63 V DC
Nominal current I _N	16 A

Connection data

Conductor connection

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Connection method	Wave soldering
Contact connection type	Socket
Mechanical properties Mechanical data	
Insertion/withdrawal cycles	> 100
Connector	

Connector

Connection 1

Head design	Socket
Head cable outlet	straight
Head thread type	M12
Coding	L

Cable/line

Signal type/category	Power	
Olgital type/category	1 OWC1	

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67
	IP65/IP67
Ambient temperature (operation)	-25 °C 85 °C (Plug / socket)
	-40 °C 85 °C (without mechanical actuation)

Standards and regulations

M12

Standard designation	M12 connector
Standards/specifications	IEC 61076-2-111
Note	In line with

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