SACC-CI-M12FS-8CON-L180-10G - Contact carrier



https://www.phoenixcontact.com/us/products/1402457

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Contact carrier, Ethernet $CAT6_A$, 8-position, Socket, straight, M12, coding: X, PCB mounting, THR solder connection, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1238675

Your advantages

- · Reduced mounting costs thanks to two-piece device connector
- · Packaging available for automated pick and place assembly
- · All common pin assignments and codings available
- Easy device integration thanks to mechanical port screw connections with threaded attachment, press-in contour or direct integration in the front plate
- · Compatible with connectors with screw or push-in connection

Commercial data

Item number	1402457
Packing unit	20 pc
Minimum order quantity	20 рс
Sales key	AB23
Product key	ABQAGS
Catalog page	Page 90 (C-2-2013)
GTIN	4046356615907
Weight per piece (including packing)	4.657 g
Weight per piece (excluding packing)	3.9 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Contact material

Contact surface material

Contact carrier material

Notes

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General	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.
Product properties	
Product type	Contact insert
Sensor type	Ethernet
Number of positions	8
Application	Data
Seal present	no
Shielded	yes
Coding	X
Thread type	M12
Insulation characteristics	
Overvoltage category	
Degree of pollution	3
Electrical properties	
Rated surge voltage	1.5 kV
Contact resistance	≤ 5 mΩ
Insulation resistance	> 100 MΩ
Nominal voltage U _N	50 V AC
	60 V DC
Nominal current I _N	0.5 A
Transmission characteristics (catego	CAT6 _A
Connection data	
Connection method	THR solder connection
Interfaces	
Signal type/category	Ethernet CAT6 _A
Material specifications	
Material	Zinc die-cast (nickel-plated)
Flammability rating according to UL	94 V0

Copper alloy

Gold

PPA

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Connector

Connection 1		
Head design	Socket	
Head cable outlet	straight	
Head thread type	M12	
Coding	X	
Cable/line		
Signal type/category	Ethernet CAT6 _A	
Mechanical properties		
Mechanical data		
Insertion/withdrawal cycles	> 100	
Environmental and real-life conditions		
Ambient conditions		
Degree of protection (when plugged in)	IP67 (correctly plugged in and locked)	
Degree of protection	IP67 (correctly plugged in and locked)	
	IP67, when plugged in	
Ambient temperature (operation)	-40 °C 90 °C	
Standards and regulations		
M12		
Standard designation	M12 connector	
Standards/specifications	IEC 61076-2-109	
Mounting		
Mounting type	PCB mounting	
Packaging specifications		
Type of packaging	Blister	



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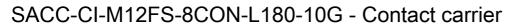
Classifications

ECLASS

ECLASS-12.0 27440116	
ECLASS-13.0 27440223	

ETIM

	ETIM 9.0	EC003557	
UNSPSC			
	UNSPSC 21.0	39121400	



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Environmental product compliance

REACh SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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