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With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



# Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China









# Conductor connectors - SACC-CC-8QO SH ETH - 1414412

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Cable connector, Ethernet CAT6<sub>A</sub> (10 Gbps), 8-pos., halogen-free, shielded, insulation displacement connection, housing material: zinc die-cast, nickel-plated, outer cable diameter of 5 mm ... 9.7 mm

#### **Product Features**

- ☑ Innovative and time saving QUICKON fast connection for time saving of up to 80 % for on-site connection
- ☑ Insulation displacement connection: innovative and time-saving assembly without stripping the single wire
- Safe use in the field, thanks to a high degree of protection
- Reliable signal transmission 360° shielding in environments with electromagnetic interference



## **Ethernet**



### **Key Commercial Data**

Packing unit	1 pc
Weight per Piece (excluding packing)	60.0 g
Custom tariff number	85366990
Country of origin	Germany

#### Technical data

#### **Dimensions**

Wrench size, union nut	15 mm
External diameter	5 mm 9.7 mm
Stripping length of the sheath	≥ 80 mm

#### Ambient conditions

Ambient temperature (operation)	-40 °C 85 °C
Ambient temperature (assembly)	-5 °C 50 °C
Degree of protection	IP65



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## Technical data

#### Ambient conditions

	Lines	
	IP67	
General		
Rated current at 40°C	0.6 A (30 W)	
Rated voltage	57 V DC	
Number of positions	8	
Insulation resistance	$\geq$ 100 M $\Omega$	
Signal type/category	Ethernet CAT6 <sub>A</sub> (IEC 11801), 10 Gbps	
Status display	No	
Overvoltage category	III	
Pollution degree	3	
Connection method	Insulation displacement connection	
Conductor cross section	0.14 mm² 0.34 mm²	
AWG conductor cross section	26 22	
Wire diameter including insulation	0.75 mm 2 mm	
Frequency of connections between conductors of the same cross section	10	
Wire insulation material	PVC / PE / PP / rubber	
Structure of individual litz in acc. with VDE 0295 / smallest wire diameter	Class 2-6	
Torque	5 Nm (Pressure nut)	
Assembly instructions	If the conductor is to be reconnected, it must be cut off above the last contact point.	

#### Material

Flammability rating according to UL 94	V0	
Contact material	CuSn	
Contact surface material	Ni/Au	
Contact carrier material	PA 6.6	
Material of grip body	Zinc die-cast, nickel-plated	
Material, knurls	Zinc die-cast, nickel-plated	
Sealing material	NBR	
Standards/regulations	PA 6.6: Fire protection in rail vehicles - requirement sets R22, R23, and R24 acc. to DIN EN 45545-2 (Risk level HL1 - HL3)	

## Classifications

## eCl@ss

eCl@ss 5.1	27143423
eCl@ss 6.0	27143423



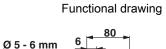
# Conductor connectors - SACC-CC-8QO SH ETH - 1414412

## Classifications

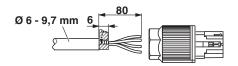
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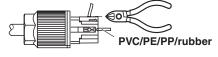
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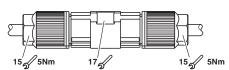
## Drawings



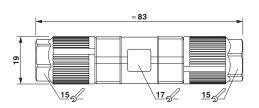
0,14 - 0,34 mm<sup>2</sup>







### Dimensional drawing



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