

## Connector - HC-M-08-EMC-DSUB-M - 1066082


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Connector, number of positions: 8, power contacts: 0, control contacts: 8, Pin, 50 V, 5 A, 0.09 mm² ... 0.52 mm², external cable diameter: 3 mm ... 9.5 mm



### Key Commercial Data

Packing unit	1
GTIN	 4 055626 728889
GTIN	4055626728889
Custom tariff number	85366990

### Technical data

#### General

Note	Order crimp contacts CUC-DSC-C1BAU-S/DSC... separately
	The potential of the EMC connector housing is isolated from the potential of the heavy connector.
	Clamps for the clamping range of 3 mm - 6 mm and 6 mm - 9.5 mm
	Can be used in Order No.: 1417374 HC-M-02-EMC-M
Degree of pollution	3
Overvoltage category	III
Number of positions	8
No. of power contacts	0
No. of control contacts	8
Insertion/withdrawal cycles	≥ 500
Contact numbering	1 - 8
Conductor cross section	0.09 mm² ... 0.52 mm²
Connection cross section AWG	28 ... 20
Minimum external conductor diameter	3 mm
Maximum external conductor diameter	9.5 mm

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### Technical data

#### General

Connection	The round contact carrier can be separated in the middle for the purpose of assembling/disassembling contacts. Disassemble the connector from the plastic module using the tool, order no.: 1678635 HC-M-EMV-KON-EWZ
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#### Ambient conditions

Ambient temperature (operation)	-40 °C ... 85 °C
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#### Material data

Contact material	Copper alloy
Contact surface material	AU
Contact carrier material	PC

#### Electrical characteristics

Rated voltage (III/3)	50 V
Rated surge voltage	0.8 kV
Rated current	5 A

#### Standards and Regulations

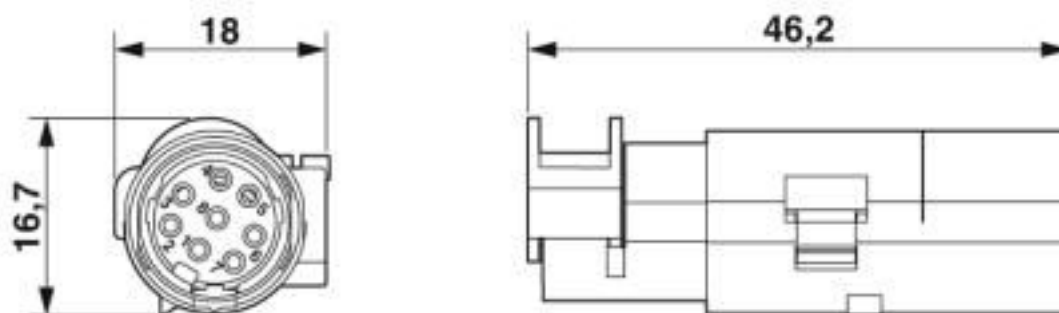
Flammability rating according to UL 94	V0
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#### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

### Drawings

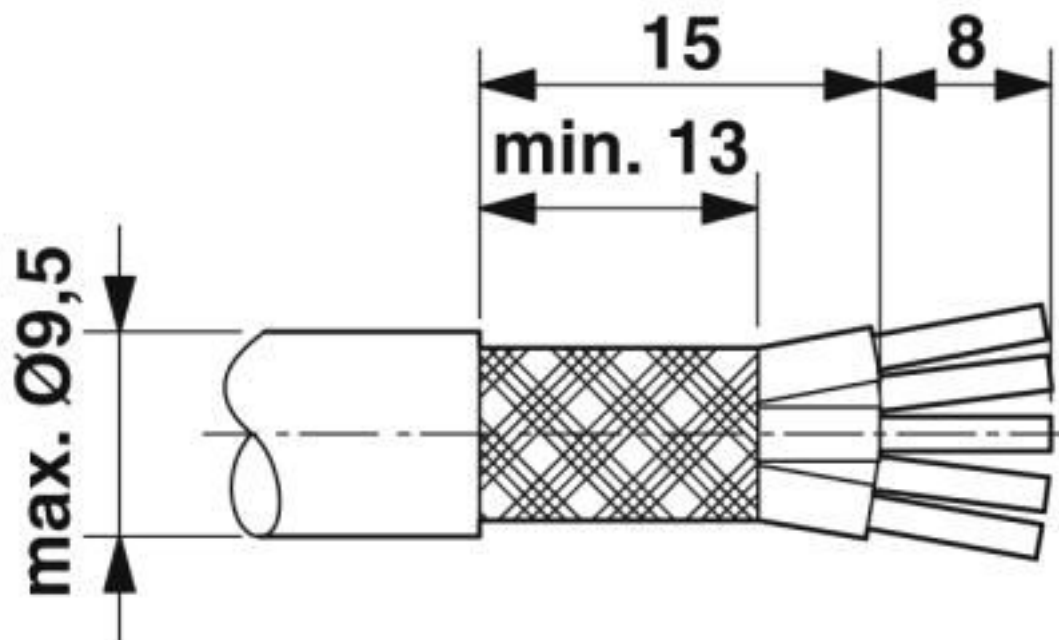
Dimensional drawing



#### Male insert

## Connector - HC-M-08-EMC-DSUB-M - 1066082

Dimensional drawing



Stripping specifications

### Classifications

eCl@ss

eCl@ss 10.0.1	27440290
eCl@ss 9.0	27440290

ETIM

ETIM 6.0	EC002908
ETIM 7.0	EC002908

### Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

## Connector - HC-M-08-EMC-DSUB-M - 1066082

### Approvals

EAC



RU C-  
DE.BL08.B.00511

### Accessories

#### Accessories

#### Assembly tool

Contact removal tool - HC-M-EMV-KON-EWZ - 1678635



Contact removal tool for HC-M-EMV contact carriers

### Crimp contact

D-SUB crimp contact - CUC-DSC-C1BAU-S/DSC28 - 1418784



D-SUB crimp contact, connection method: Crimp connection, connection cross section: AWG 28- 26

D-SUB crimp contact - CUC-DSC-C1BAU-S/DSC24 - 1418786



D-SUB crimp contact, connection method: Crimp connection, connection cross section: AWG 24- 20

### Crimping tool

Crimping pliers - CRIMPFOX-TC MP - 1212510



Crimping pliers, for turned contacts, universal cross section setting, up to a maximum of 2.5 mm², digital display with 0.01 mm increments, pressure lock can be unlocked, including positioning tool

### EMC insert, modular

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### Accessories

Contact insert module - HC-M-02-EMC-M - 1417374



Contact insert module, number of positions: 2, Pin, Crimp connection, 50 V, 10 A, 0.14 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>, application: Data/signal, for using two HC-M-EMV-ST/3-9,5 EMC connectors (pin version, each 4-pos.)

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### Additional products

Connector - HC-M-08-EMC-DSUB-F - 1066080



Connector, number of positions: 8, power contacts: 0, control contacts: 8, Socket, 50 V, 5 A, 0.09 mm<sup>2</sup> ... 0.52 mm<sup>2</sup>, external cable diameter: 3 mm ... 9.5 mm