

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

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Connector, number of positions: 8, power contacts: 0, control contacts: 8, Socket, 48 V, 5 A, 0.09 mm² ... 0.52 mm², external cable diameter: 3 mm ... 9.5 mm



Key Commercial Data

Packing unit	1 pc
GTIN	 4 055626 727981
GTIN	4055626727981
Custom tariff number	85389099
Country of origin	China

Technical data

General

Note	Order crimp contacts CUC-DSC-J1BAU-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.: 1417376 HC-M-02-EMC-F
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

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Technical data

General

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
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

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)	48 V
Rated surge voltage	0.8 kV
Rated current	5 A

Standards and Regulations

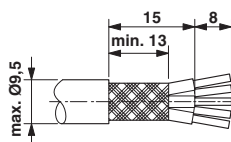
Flammability rating according to UL 94	V0
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Environmental Product Compliance

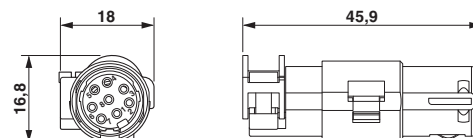
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Dimensional drawing



Dimensional drawing



Stripping specifications

Female insert

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

Classifications

eCl@ss

eCl@ss 10.0.1	27440205
eCl@ss 11.0	27440205
eCl@ss 9.0	27440205

ETIM

ETIM 6.0	EC002908
ETIM 7.0	EC002908

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC		RU C- DE.BL08.B.00511
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Accessories

Accessories

Assembly tool

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



Contact removal tool for HC-M-EMV contact carriers

Crimp contact

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

Accessories

D-SUB crimp contact - CUC-DSC-J1BAU-S/DSC24 - 1418788



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

D-SUB crimp contact - CUC-DSC-J1BAU-S/DSC28 - 1418787



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

Crimping tool

Crimping pliers with digital display - 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

Contact insert module - HC-M-02-EMC-F - 1417376



Contact insert module, number of positions: 2, Socket, Crimp connection, 48 V, 10 A, 0.14 mm² ... 2.5 mm², application: Data/signal, for using two HC-M-EMV-BU/3-9,5 EMC connectors (socket version, each 4-pos.)

Additional products

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

Accessories

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



Connector, number of positions: 8, power contacts: 0, control contacts: 8, Pin, 48 V, 5 A, 0.09 mm² ... 0.52 mm², external cable diameter: 3 mm ... 9.5 mm