

Connector - HC-M-01-COAX-CK2,5-50-M - 1066960


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Connector, power contacts: 0, control contacts: 1, Pin, 48 V, 16 A, 0.5 mm² ... 4 mm², external cable diameter: 3 mm ... 9.5 mm, 50 Ohm



Key Commercial Data

Packing unit	1 pc
GTIN	 4 0 5 5 6 2 6 7 3 4 6 5 1
GTIN	4055626734651
Weight per Piece (excluding packing)	35.000 g
Custom tariff number	85389099
Country of origin	China

Technical data

General

Note	Order crimp contacts 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
	For 50 Ω coaxial cables
Degree of pollution	3
Overvoltage category	III
No. of power contacts	0
No. of control contacts	1
Insertion/withdrawal cycles	≥ 500

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Technical data

General

Conductor cross section	0.5 mm ² ... 4 mm ²
Connection cross section AWG	20 ... 12
Stripping length of the individual wire	8 mm (6 mm (for 2.5 mm ²))
Minimum external conductor diameter	3 mm
Maximum external conductor diameter	9.5 mm
Assembly instructions	Disassemble the connector from the plastic module using the tool, order no.: 1678635 HC-M-EMV-KON-EWZ
	The round contact carrier can be separated in the middle for the purpose of mounting/removing the contact.
Connection	Sheath stripping length: 23 mm, shield length: 13 mm, inner conductor stripping length: 8 mm

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	16 A

Standards and Regulations

Flammability rating according to UL 94	V0
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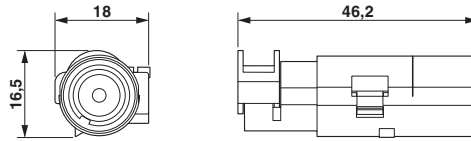
Environmental Product Compliance

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

Drawings

Connector - HC-M-01-COAX-CK2,5-50-M - 1066960

Dimensional drawing



Male insert

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

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Accessories

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



Contact removal tool for HC-M-EMV contact carriers

Crimp contact

Crimp contact - CK2,5-ED-0,50ST AU - 1674804



Crimp contact, contact diameter: 2.5 mm, turned, Pin, contact material: Copper alloy, contact surface: gold-plated, connection cross section: 0.5 mm² ... 0.5 mm², AWG 20

Crimp contact - CK2,5-ED-1,00ST AU - 1674781



Turned 2.5 crimp contact, individual male contact, core diameter 0.75 to 1.0 mm², gold-plated

Crimp contact - CK2,5-ED-1,50ST AU - 1674778



Crimp contact, contact diameter: 2.5 mm, turned, Pin, contact material: Copper alloy, contact surface: gold-plated, connection cross section: 1.5 mm² ... 1.5 mm², AWG 16

Crimp contact - CK2,5-ED-2,50ST AU - 1674817



Turned 2.5 crimp contact, individual male contact, core diameter 2.5 mm², gold-plated

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Accessories

Crimp contact - CK2,5-ED-4,00ST AU - 1674794



Turned 2.5 crimp contact, individual male contact, core diameter 4.00 mm², gold-plated

EMC insert, modular

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



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

Shielding foil - VS-08-RJ45-FOLIEN-SET - 1417184

Shielding foil set, 25 pieces, replacement for RJ45 and M12 Quickon connector



Additional products

Connector - HC-M-01-COAX-CK2,5-50-F - 1066959



Connector, power contacts: 0, control contacts: 1, Socket, 48 V, 16 A, 0.5 mm² ... 4 mm², external cable diameter: 3 mm ... 9.5 mm, 50 Ohm