

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

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



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



Key Commercial Data

Packing unit	1 pc
GTIN	 4 055626 735122
GTIN	4055626735122
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.: 1417376 HC-M-02-EMC-F
	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
Conductor cross section	0.5 mm² ... 4 mm²

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

Technical data

General

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
---------------------------------	------------------

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

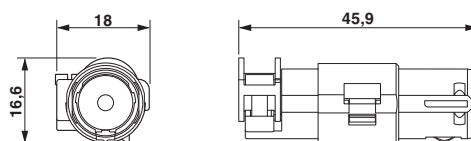
Flammability rating according to UL 94	V0
--	----

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



Female insert

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

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
-----	---	--------------------------

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-01-COAX-CK2,5-50-F - 1066959

Accessories

Crimp contact - CK2,5-ED-0,50BU AU - 1674859



Turned 2.5 crimp contact, individual female contact, core diameter 0.5 mm², gold-plated

Crimp contact - CK2,5-ED-1,00BU AU - 1674833



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

Crimp contact - CK2,5-ED-1,50BU AU - 1674820



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

Crimp contact - CK2,5-ED-2,50BU AU - 1674862



Crimp contact, contact diameter: 2.5 mm, turned, Socket, contact material: Copper alloy, contact surface: gold-plated, connection cross section: 2.5 mm² ... 2.5 mm², AWG 14

Crimp contact - CK2,5-ED-4,00BU AU - 1674846



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

EMC insert, modular

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

Accessories

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.)

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-M - 1066960



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