

Connector - HC-M-01-COAX-CK1,6-75-M - 1066962

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Connector, power contacts: 0, control contacts: 1, Pin, Crimp connection, 48 V, 10 A, 0.14 mm² ... 2.5 mm², external cable diameter: 3 mm ... 9.5 mm, 75 Ohm



Key Commercial Data

Packing unit	1 pc
GTIN	 4 055626 733975
GTIN	4055626733975
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 75 Ω coaxial cables
Connection method	Crimp connection
Degree of pollution	3
Overvoltage category	III
No. of power contacts	0
No. of control contacts	1
Insertion/withdrawal cycles	≥ 500

Connector - HC-M-01-COAX-CK1,6-75-M - 1066962

Technical data

General

Conductor cross section	0.14 mm ² ... 2.5 mm ²
Connection cross section AWG	26 ... 14
Stripping length of the individual wire	8 mm
Minimum external conductor diameter	3 mm
Maximum external conductor diameter	9.5 mm
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	10 A

Standards and Regulations

Flammability rating according to UL 94	V0
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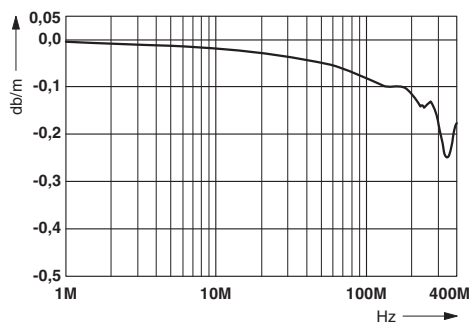
Environmental Product Compliance

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

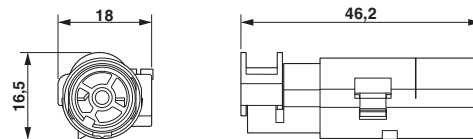
Drawings

Connector - HC-M-01-COAX-CK1,6-75-M - 1066962

Diagram



Dimensional drawing



Male insert

Attenuation curve

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

UL Recognized / EAC

Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E118976
Nominal voltage UN	50 V		

Connector - HC-M-01-COAX-CK1,6-75-M - 1066962

Approvals

Nominal current I _N	10 A
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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

Crimp contact - CK1,6-ED-0,37ST AU - 1674901



Turned 1.6 crimp contact, individual male contact, core diameter 0.14 to 0.37 mm², gold-plated

Crimp contact - CK1,6-ED-0,50ST AU - 1672453



Turned 1.6 crimp contact, individual male contact, core diameter 0.5 mm², gold-plated

Connector - HC-M-01-COAX-CK1,6-75-M - 1066962

Accessories

Crimp contact - CK1,6-ED-0,75ST AU - 1674914



Crimp contact, contact diameter: 1.6 mm, turned, Pin, contact material: Copper alloy, contact surface: gold-plated, connection cross section: 0.75 mm² ... 0.75 mm², AWG 18

Crimp contact - CK1,6-ED-1,00ST AU - 1674888



Crimp contact, contact diameter: 1.6 mm, turned, Pin, contact material: Copper alloy, contact surface: gold-plated, connection cross section: 0.75 mm² ... 1 mm², AWG 18

Crimp contact - CK1,6-ED-1,50ST AU - 1674875



Crimp contact, contact diameter: 1.6 mm, turned, Pin, contact material: Copper alloy, contact surface: gold-plated, connection cross section: 1.5 mm² ... 1.5 mm², AWG 16

Crimp contact - CK1,6-ED-2,50ST AU - 1674927



Crimp contact, contact diameter: 1.6 mm, turned, Pin, contact material: Copper alloy, contact surface: gold-plated, connection cross section: 2.5 mm² ... 2.5 mm², AWG 14

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.)

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Accessories

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-CK1,6-75-F - 1066961



Connector, power contacts: 0, control contacts: 1, Socket, 48 V, 10 A, 0.14 mm² ... 2.5 mm², external cable diameter: 3 mm ... 9.5 mm, 75 Ohm