



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## Crimp contact - PV-FT-CCM-6-R1000 - 1704928

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Photovoltaic connector, Nom. voltage: 1500 V, Connection type: Crimp



### Key Commercial Data

Packing unit	1 STK
Minimum order quantity	1000 STK
Custom tariff number	85359000
Country of origin	Germany

### Technical data

#### Ambient conditions

Degree of protection (when plugged in)	IP66 / IP68 (2 m / 24 h)
Degree of protection (not plugged in)	IP20
Ambient temperature (operation)	-40 °C ... 85 °C
Ambient temperature (assembly)	-25 °C ... 50 °C

#### General

Design	Male connector
Insertion force	45 N ±10 N
Rated voltage	1500 V
Rated current (6.0 mm <sup>2</sup> )	40 A

#### Material

Contact material	Cu
Contact surface material	Ag
Flammability rating according to UL 94	V0

## Crimp contact - PV-FT-CCM-6-R1000 - 1704928

### Technical data

#### Connection data

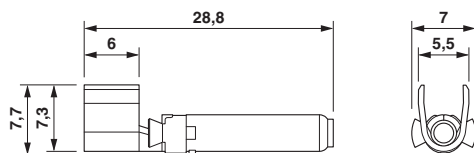
Connection method	Crimp
Connection capacity	6 mm <sup>2</sup>
Contact resistance with connected conductor	0.45 mΩ

#### Standards and Regulations

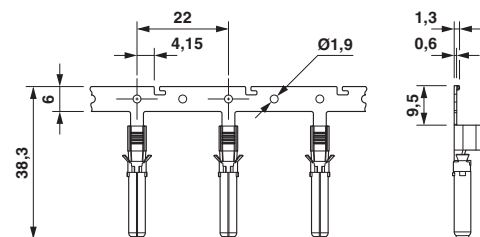
Flammability rating according to UL 94	V0
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### Drawings

Dimensional drawing



Dimensional drawing



### Classifications

#### eCl@ss

eCl@ss 4.0	27060306
eCl@ss 4.1	27060306
eCl@ss 5.0	27061801
eCl@ss 5.1	21089113
eCl@ss 6.0	21089113
eCl@ss 7.0	21089113
eCl@ss 8.0	27440204
eCl@ss 9.0	27440204

#### ETIM

ETIM 3.0	EC000104
ETIM 4.0	EC000104
ETIM 5.0	EC000796

#### UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501

## Crimp contact - PV-FT-CCM-6-R1000 - 1704928

### Classifications

#### UNSPSC

UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	31251501

### Approvals

#### Approvals


#### Approvals

EAC / VDE approval of drawings

#### Ex Approvals

### Approval details

EAC B.01742
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VDE approval of drawings  <a href="http://www.vde.de">http://www.vde.de</a> 40031807	
mm²/AWG/kcmil	2.5
Nominal current I <sub>N</sub>	27 A
Nominal voltage U <sub>N</sub>	1500 V

### Accessories

#### Accessories

#### Crimping tool

Crimping pliers - CRIMPFOX-P SR 6 - 1212755



Crimping pliers, for SUNCLIX solar crimp connectors 2.5 ... 6 mm², unlockable pressure lock, precise parallel crimping, lateral entry, B crimp, incl. positioning tool

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### Accessories

#### Flat nut

Nut - PV-FT-C NUT BK - 1775880



Nut for securing SUNCLIX panel feed-throughs to housing. NB: This nut must always be ordered separately.

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#### Photovoltaic connector

Photovoltaic connector - PV-FT-C2M-HSG - 1704925



Photovoltaic device connectors, Nom. voltage: 1500 V, Connection type: Crimp, Color: black, Can only be released using a tool

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#### Protective cap

Protective cap - PV-C PROTECTION CAP - 1785430



Protective cap for SUNCLIX photovoltaic connector; transport protection for the mating face.

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#### Universal tools

Tool - UNIFOX SR 6 - 1200137



Mounting pliers for snapping the SUNCLIX crimp contacts into the plastic housing, curved 35°, suitable for a conductor diameter of 4.2 mm ... 6.0 mm.