



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-CCF-2,5-4-R1000 - 1704930

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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	Socket
Insertion force	45 N ±10 N
Rated voltage	1500 V
Rated current (2.5 mm²)	27 A
Rated current (4.0 mm²)	40 A

Material

Contact material	Cu
Contact surface material	Ag

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Technical data

Material

Flammability rating according to UL 94	V0
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Connection data

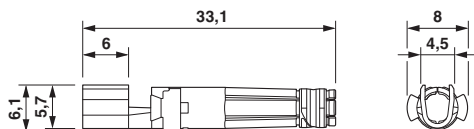
Connection method	Crimp
Connection capacity	2.5 mm² ... 4 mm²
Contact resistance with connected conductor	0.45 mΩ

Standards and Regulations

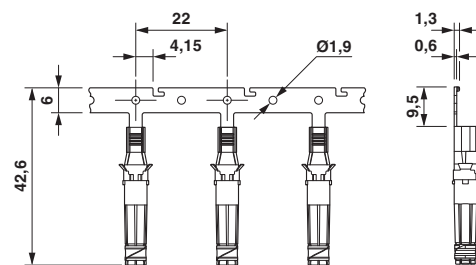
Flammability rating according to UL 94	V0
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Drawings

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

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Classifications

UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
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

VDE approval of drawings  http://www.vde.de 40031807	
mm²/AWG/kcmil	2.5
Nominal current I _N	27 A
Nominal voltage U _N	1500 V

Accessories

Accessories

Crimping tool

Crimp contact - PV-FT-CCF-2,5-4-R1000 - 1704930

Accessories

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

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.

Photovoltaic connector

Photovoltaic connector - PV-FT-C2F-HSG - 1704926



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

Protective cap

Protective cap - PV-C PROTECTION CAP - 1785430



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

Universal tools

Crimp contact - PV-FT-CCF-2,5-4-R1000 - 1704930

Accessories

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.