

Crimp contact - PV-FT-CCF-6-R1000 - 1704931

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Photovoltaic connector, Crimp contact, number of positions: 1, min. conductor cross section: 6 mm², Connection method: Crimp, Type of contact: Socket

RoHS

Key Commercial Data

Packing unit	1 pc
Minimum order quantity	1000 pc
GTIN	 4 046356 746199
GTIN	4046356746199
Weight per Piece (excluding packing)	5.280 g
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 (installed with PV-...-HSG)
Ambient temperature (assembly)	-25 °C ... 50 °C

General

Design	Socket
Insertion force	≤ 20 N (uninstalled state)
Disconnect force	≤ 20 N (uninstalled state)
Insertion/withdrawal cycles	100
Rated voltage	1500 V

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Technical data

Material

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

Connection data

Connection method	Crimp
Connection capacity	6 mm ²
Contact resistance with connected conductor	0.45 mΩ

Standards and Regulations

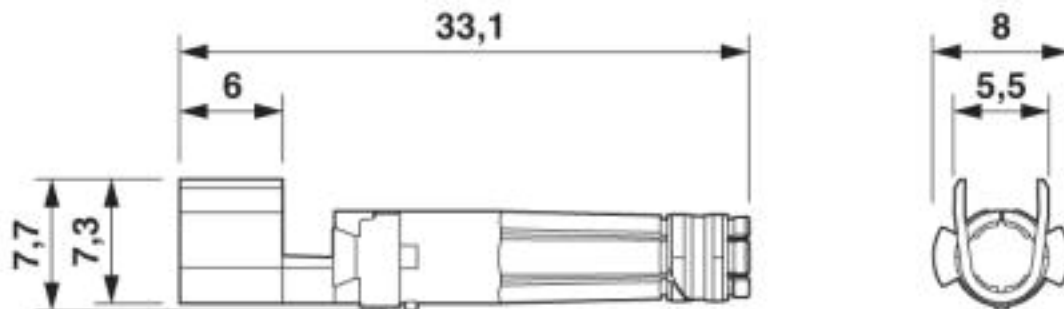
Flammability rating according to UL 94	V0
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Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

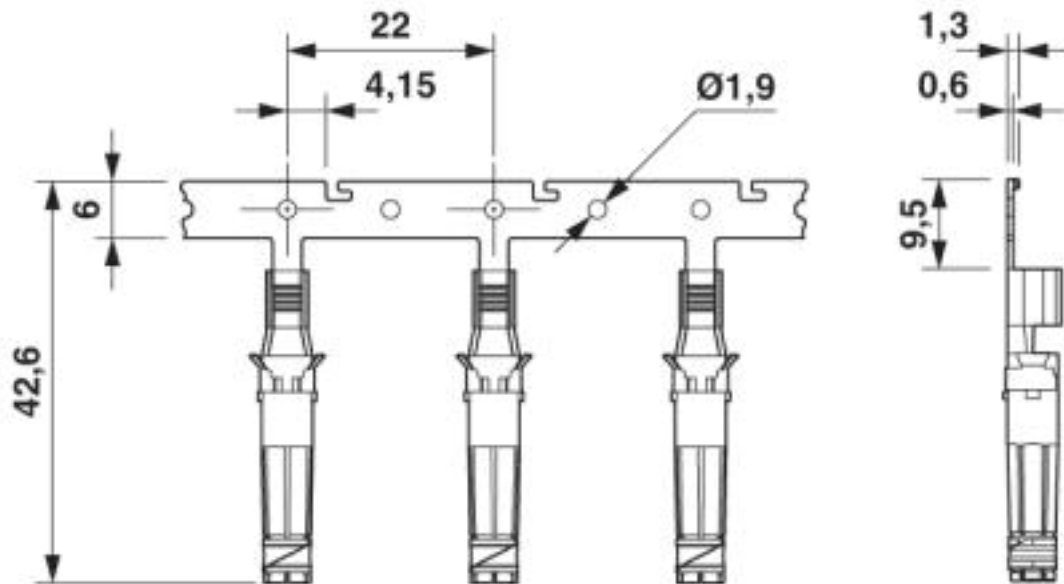
Drawings

Dimensional drawing



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Dimensional drawing



Classifications

eCl@ss

eCl@ss 4.0	27060300
eCl@ss 4.1	27060300
eCl@ss 5.0	27061800
eCl@ss 5.1	27261200
eCl@ss 6.0	27261200
eCl@ss 7.0	27440204
eCl@ss 8.0	27440204
eCl@ss 9.0	27440204

ETIM

ETIM 3.0	EC000104
ETIM 4.0	EC000104
ETIM 5.0	EC000796
ETIM 6.0	EC000796
ETIM 7.0	EC000796

UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501

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Classifications

UNSPSC

UNSPSC 12.01	31251501
UNSPSC 13.2	39121522

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC		B.01742
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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

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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Accessories

Photovoltaic connector

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



Photovoltaic connector, Photovoltaic connector, color: black, number of positions: 1, Type of contact: Socket. 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

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.