

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


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

RoHS

Key Commercial Data

Packing unit	1 pc
Minimum order quantity	1000 pc
GTIN	 4 046356 746212
GTIN	4046356746212
Weight per Piece (excluding packing)	4.640 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	Pin
Insertion force	≤ 20 N (uninstalled state)
Disconnect force	≤ 20 N (uninstalled state)
Insertion/withdrawal cycles	100
Rated voltage	1500 V

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

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

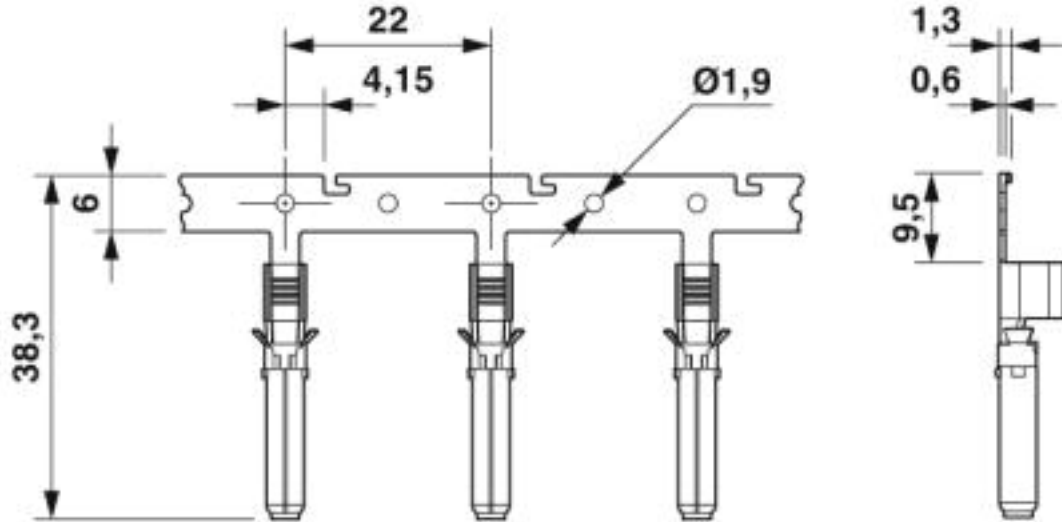
Drawings

Dimensional drawing



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

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
UNSPSC 12.01	31251501

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

Classifications

UNSPSC

UNSPSC 13.2	39121522
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Approvals

Approvals

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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.

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

Accessories

Photovoltaic connector

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



Photovoltaic connector, Photovoltaic connector, housing material: PPE, color: black, Connection method: Crimp, Type of contact: Pin. 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.