

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


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



### Key Commercial Data

Packing unit	1 STK
Minimum order quantity	1000 STK
GTIN	 4 046356 746199
GTIN	4046356746199
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 (6.0 mm <sup>2</sup> )	40 A

#### Material

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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 <sup>2</sup>
Contact resistance with connected conductor	0.45 mΩ

### Standards and Regulations

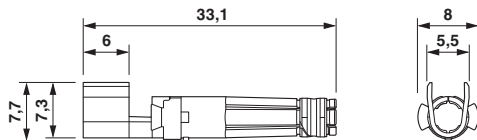
Flammability rating according to UL 94	V0
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### Environmental Product Compliance

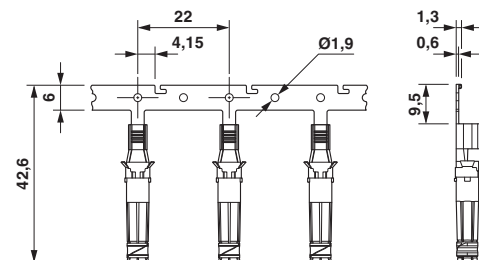
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Drawings

Dimensional drawing



Dimensional drawing



## Approvals

### Approvals

Approvals

EAC / VDE approval of drawings


Ex Approvals

### Approval details

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## Approvals

EAC		B.01742
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VDE approval of drawings		<a href="http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx">http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx</a>	40031807
mm <sup>2</sup> /AWG/kcmil		2.5	
Nominal current I <sub>N</sub>		27 A	
Nominal voltage U <sub>N</sub>		1500 V	