

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


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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 746205
GTIN	4046356746205
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 mm ²)	27 A
Rated current (4.0 mm ²)	40 A

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Material

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

Connection data

Connection method	Crimp
Connection capacity	2.5 mm ² ... 4 mm ²
Contact resistance with connected conductor	0.45 mΩ

Standards and Regulations

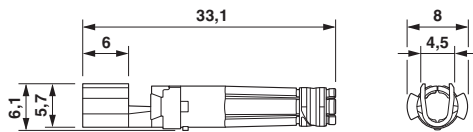
Flammability rating according to UL 94	V0
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Environmental Product Compliance

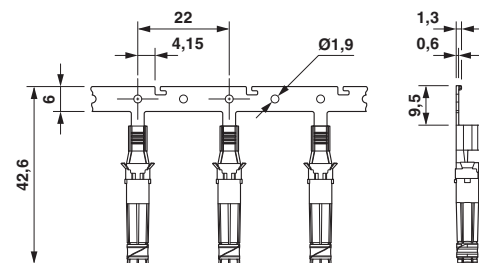
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Dimensional drawing



Dimensional drawing



Approvals

Approvals

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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		http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx	40031807
mm ² /AWG/kcmil		2.5	
Nominal current I _N		27 A	
Nominal voltage U _N		1500 V	