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

1704931

https://www.phoenixcontact.com/us/products/1704931

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Crimp contact, series: SUNCLIX, Socket, rolled, rated current: 40 A, connection cross section: 6 mm^2 ... 6 mm^2, contact material: Cu

Your advantages

- High-quality materials ensure a high degree of reliability and long-term stability
- Maximum system efficiency with proven, low-loss SUNCLIX contacts
- International approvals enable worldwide use

Commercial data

Item number	1704931
Packing unit	1,000 pc
Minimum order quantity	1,000 pc
Sales key	AB02
Product key	ABLBFA
GTIN	4046356746199
Weight per piece (including packing)	5.17 g
Weight per piece (excluding packing)	2.355 g
Customs tariff number	85359000
Country of origin	DE

Technical data

Notes

Notes on operation	Crimping recommendation: Crimp the conductor with the crimp contact in accordance with IEC 60352
Note on application	When using the CRIMPFOX-P SR 6 manual crimping tool, item no. 1212755, please note the use of the standard locator (no marking).

Product properties

Product type	Crimp contact
Series	SUNCLIX
Contact material type	rolled

Connection data

Connection technology

Contact connection type	Socket
Connection method	Crimp connection

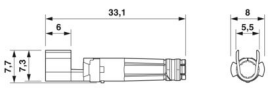
Conductor connection

Stripping length	8 mm +1 mm
Connection cross section	6 mm² ... 6 mm²

Material specifications

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

Dimensions

Dimensional drawing	
Width [w]	8 mm
Height [h]	7.7 mm
Length [l]	31.1 mm

Electrical properties

Rated current (Maximum load current)	40 A
Resistance (Durchgangswiderstand)	0.45 mΩ
Resistance (Übergangswiderstand)	≤ 0.45 mΩ (when plugged in)

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	100
Insertion force	≤ 20 N (uninstalled state)
Withdrawal force	≤ 20 N (uninstalled state)

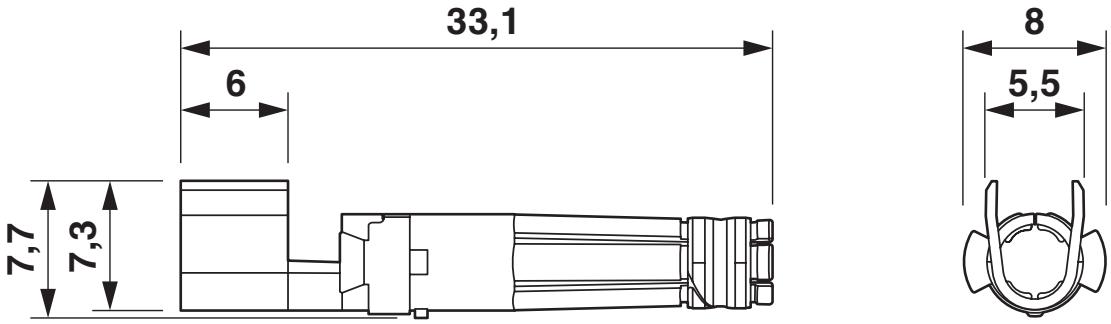
Environmental and real-life conditions

Ambient conditions

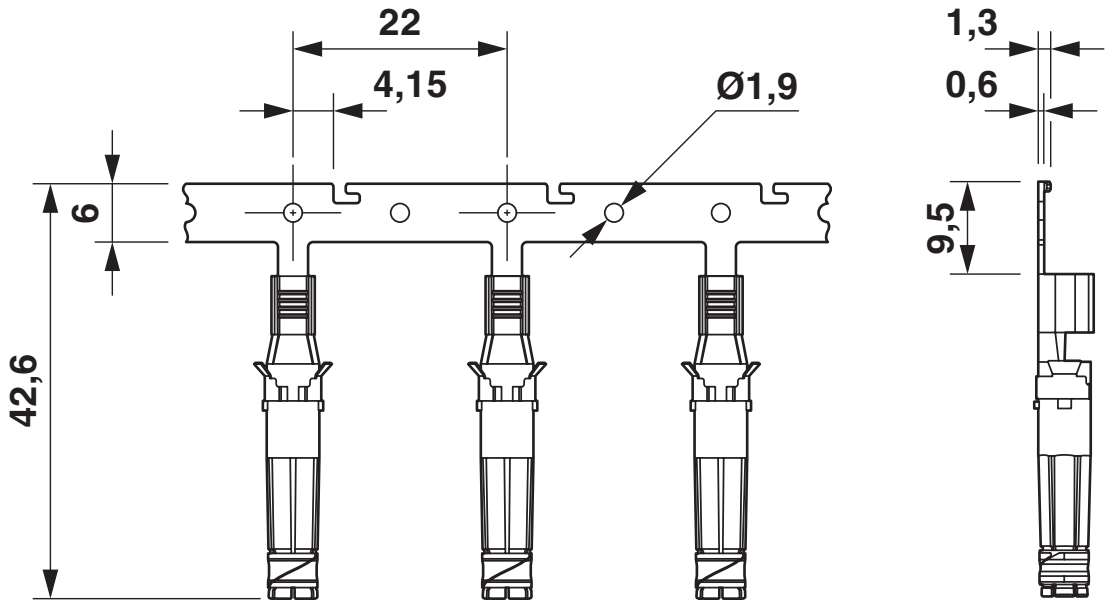
Ambient temperature (operation)	-40 °C ... 85 °C (installed with PV-...-HSG)
Ambient temperature (assembly)	-25 °C ... 50 °C

Drawings

Dimensional drawing



Dimensional drawing



Classifications

ECLASS

ECLASS-13.0	27440204
ECLASS-15.0	27440204

ETIM

ETIM 10.0	EC000796

UNSPSC

UNSPSC 21.0	39121500

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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