PV-C3F-C-6-R3000 - Crimp contact

1050767

https://www.phoenixcontact.com/us/products/1050767

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Crimp contact, series: SUNCLIX, Socket, rolled, rated current: 40 A, connection cross section: 6 mm^2 ... 6 mm^2, AWG 10...10 , contact material: Cu

Commercial data

Item number	1050767
Packing unit	3,000 pc
Minimum order quantity	3,000 pc
Sales key	AB02
Product key	ABLBFA
GTIN	4055626666297
Weight per piece (including packing)	2.07 g
Weight per piece (excluding packing)	2.226 g
Customs tariff number	85366990
Country of origin	CN

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 PV-C3F/M-C locator.

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	9 mm -1 mm
Connection cross section	6 mm² ... 6 mm²
Connection cross section AWG	10 ... 10

Material specifications

Color	silver-colored
Material Contact	Cu
Material Contact surface	Ag

Dimensions

Width [w]	6.2 mm
Height [h]	7.7 mm
Length [l]	31.6 mm

Electrical properties

Rated current (6,0 mm²)	40 A
Resistance (Übergangswiderstand)	< 0.3 mΩ (Crimp to crimp)

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	100
Insertion force	< 45 N ±10 N

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-40 °C ... 85 °C
Ambient temperature (assembly)	-5 °C ... 50 °C

Classifications

ECLASS

ECLASS-13.0	27440204
ECLASS-15.0	27440204

ETIM

ETIM 10.0	EC000796

UNSPSC

UNSPSC 21.0	39121400

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%

EF3.1 Climate Change

CO2e kg	0.087 kg CO2e

Phoenix Contact 2026 © - all rights reserved
https://www.phoenixcontact.com

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com