



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



Connector - PV-CF-P 2,5(+)- 1795323


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Photovoltaic connector, nominal current: 15 A, nom. voltage: 1000 V, connection method: Pierce connection, color: black. Only with Huber & Suhner RADOX[®] Solar (TÜV) solar cable

RoHS

Key Commercial Data

| | |
|--------------|---|
| Packing unit | 50 STK |
| GTIN |  4 046356 651196 |
| GTIN | 4046356651196 |

Technical data

Dimensions

| | |
|-------------------------|---------------------|
| External cable diameter | 5.05 mm ... 5.35 mm |
|-------------------------|---------------------|

Ambient conditions

| | |
|--|------------------|
| Degree of protection (when plugged in) | IP67 |
| Ambient temperature (operation) | -40 °C ... 85 °C |
| Ambient temperature (assembly) | -25 °C ... 50 °C |

General

| | |
|---|---------------------|
| Design | Socket |
| Tightening torque nut | 0.22 Nm ±0.03 Nm |
| Insertion force | 40 N ±5 N |
| Disconnect force | 170 N ±5 N |
| Pull-out force of cable >= disconnect force | > 190 N |
| Rated voltage | 1000 V |
| Rated surge voltage | 10 kV |
| Rated current (2.5 mm ²) | 15 A |
| Nominal cross section | 2.5 mm ² |
| Protection class | II |

Connector - PV-CF-P 2,5(+)- 1795323

Technical data

Material

| | |
|--|-------|
| Color | black |
| Insulating material | mPPE |
| Contact material | Cu |
| Contact surface material | Ag |
| Flammability rating according to UL 94 | V0 |

Connection data

| | |
|---|---------------------|
| Connection method | Pierce connection |
| Connection capacity | 2.5 mm ² |
| Contact resistance with connected conductor | 0.3 mΩ |
| Stripping length | 10 mm |
| Cable type | PV1-F cables |

Standards and Regulations

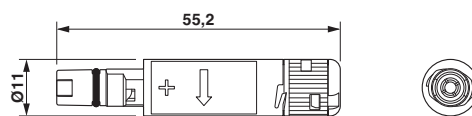
| | |
|--|----|
| Flammability rating according to UL 94 | V0 |
|--|----|

Environmental Product Compliance

| | |
|------------|---|
| REACH SVHC | Lead 7439-92-1 |
| China RoHS | Environmentally Friendly Use Period = 50 |
| | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

Drawings

Dimensional drawing



Approvals

Approvals

Approvals

EAC

Ex Approvals

Connector - PV-CF-P 2,5(+) - 1795323

Approvals

Approval details

| | | |
|-----|---|---------|
| EAC |  | B.01742 |
|-----|---|---------|

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PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>