



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!



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Connector - PV-CM-P 2,5(-) - 1795336


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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 651189
GTIN	4046356651189

Technical data

Dimensions

External cable diameter	5.05 mm ... 5.35 mm
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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	Pin
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

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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

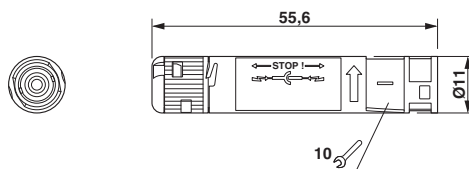
Flammability rating according to UL 94	V0
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Environmental Product Compliance

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

Approval details

Connector - PV-CM-P 2,5(-) - 1795336

Approvals

EAC



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