Connectors for Photovoltaic Module

■ Features

1. The process for water proof being completed with easy operation without tool, due to our original water-tightness structure (top and bottom cover system).
2. Excellent contact performance due to our original multi-point contact structure.
3. Available a full lock type and half lock type.

■ Specification

- Rating ····· DC 600V/1000V 30A
- Operating Temperature Range····· –40°C to +90°C
- IP Protection Rating····· IP67/IP2X (unmated)

■ Material and Plating

- Housing·····Thermoplastic Resin, Black, 94V-0
- Cover ·····Thermoplastic Resin, Black, 94V-0
- Terminal·····Cu Alloy, Sn Plating

■ Applicable Terminal

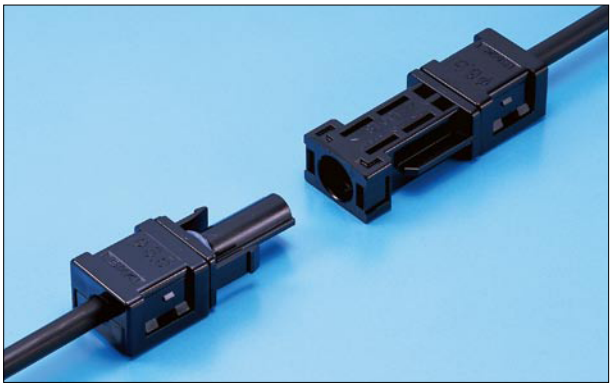
Classification	Part No.	Applicable Electronical Wire Size (AWG)	Cross Section of a Cable Core (mm^2)	Acquisition Approval Standard			Series			
				TÜV (DIN-EN) Certificate No.	UL File No.	Catalog No.	PV-01	PV-02	PV-03	PV-04
Plug	CTA9111-0101F	14 ~ 10	2.0 ~ 6	R50110374	E301080	P49-T	●		●	●
	CTA9111-0301F	14 ~ 10	2.5 ~ 6	R50178988	E301080	P50-T		●		
	CTA9116-0401F	16	1.5 ~ 2	R50110374	E301080	P49-T2	●			●
Socket	CTA9111-0201F	14 ~ 10	2.0 ~ 6	R50110374	E301080	R49-T	●		●	●
	CTA9111-0401F	14 ~ 10	2.5 ~ 6	R50178988	E301080	R50-T		●		
	CTA9116-0501F	16	1.5 ~ 2	R50110374	E301080	R49-T2	●			●

⚠ Caution

- Specification is subject to change without prior notice for improving performance of the product and so on.
- Dimension and specification described herein are limited to major items. When applying the products, please confirm details the drawing and spec sheets which will be provided upon request.
- Every product carried here is compliant to RoHS* requirements. For detail, please refer to our sales representative.

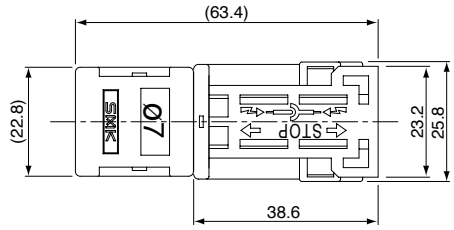
*RoHS Directive : An EU Directive for restriction of the use of certain hazardous substances in electrical and electronic equipment.

PV-01 Series



Classification	Lock System	Part No. / Acquisition Approval Standard	Applicable Cable O.D.			
			Φ5.5	Φ6.5	Φ7.0	Φ7.5
Plug	Full Lock	Part No.	CCT9901-1851F	CCT9901-1802F	CCT9901-1801F	CCT9901-1803F
		TÜV (DIN-EN) Certificate No.	R50110374			
		UL File No.	E301080			
		Catalog No.	P49-5	P49-6	P49-7	P49-8
	Half Lock	Part No.	CCT9901-1824F	CCT9901-1822F	CCT9901-1821F	CCT9901-1823F
		TÜV (DIN-EN) Certificate No.	R50110374			
		UL File No.	—			
		Catalog No.	P49-5H	P49-6H	P49-7H	P49-8H
Socket	Full Lock · Half Lock Sharing	Part No.	CCT9901-1951F	CCT9901-1912F	CCT9901-1911F	CCT9901-1913F
		TÜV (DIN-EN) Certificate No.	R50110374			
		UL File No.	E301080			
		Catalog No.	R49-5	R49-6	R49-7	R49-8

● Plug : CCT9901-18□□F



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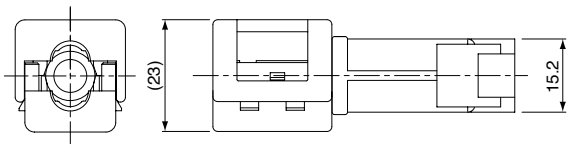

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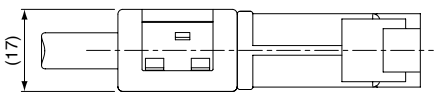
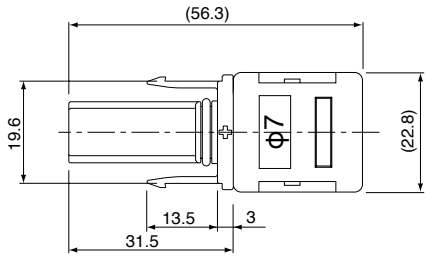


● Socket : CCT9901-19□□F



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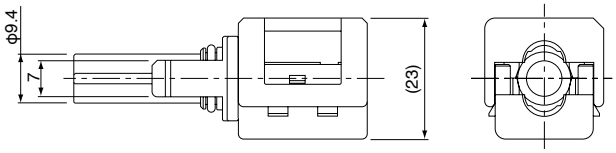

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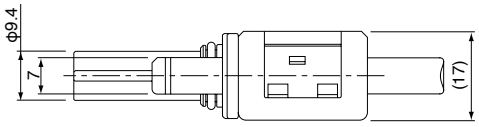
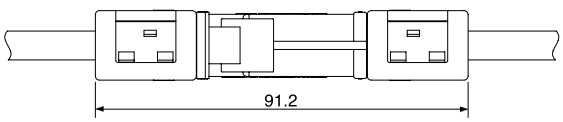
<After mating plug and socket>