

# Power Connectors

## Connectors for Photovoltaic Module : PV-03 Series

### ■ Features

1. A connector for connection of photovoltaic modules with cables.
2. The process for water proof being completed with easy operation without tool, due to our original water-tightness structure (top and bottom cover system).
3. Excellent contact performance due to our original multi-point contact structure.
4. The plug and socket can be unmated without using jig.
5. EN recognized.
6. Large current capacity.
7. Plastics of good weatherability and flame retardancy used.
8. IP protection class is IP67 (mating), ensuing higher safety and waterproof performance.

### ■ Specification

- Rating : 30A
- Operating Temperature Range : -40°C to +90°C
- IP Protection Class : IP67/IP2x (Unmated)
- Applicable Cable O.D. :  $\Phi 6.0$ ,  $\Phi 6.5$ ,  $\Phi 7.0$
- Applicable Terminal

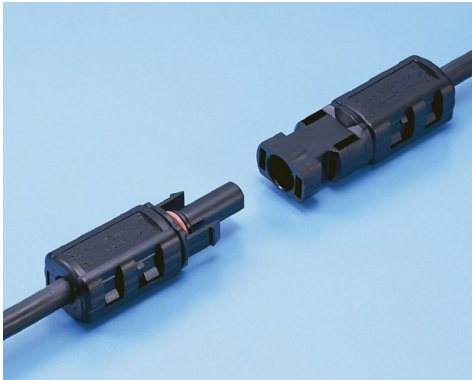
Plug Socket	Part No.	Applicable Wire Size (Sq)
Plug	CTA9111-01☒☒F	2.0 to 6.0
	CTA9116-04☒☒F	1.5 to 2.0
Socket	CTA9111-02☒☒F	2.0 to 6.0
	CTA9116-05☒☒F	1.5 to 2.0

☒☒	Packing Style
01	Reel
11	Bulk

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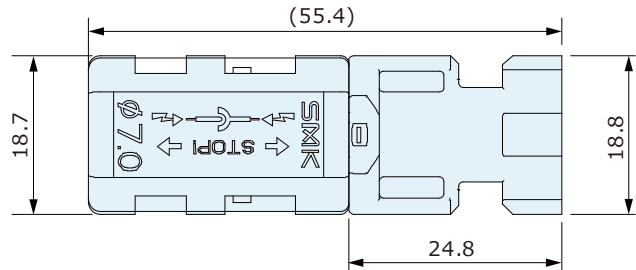
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### PV-03 Series [EN 1,000V]

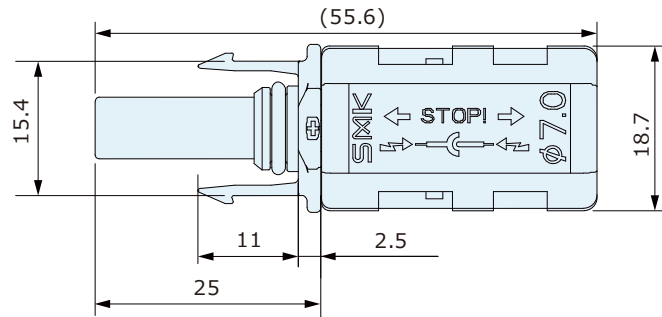


Plug Socket	<input type="checkbox"/> <input type="checkbox"/>	Applicable Cable O.D. (Φ)
Plug	4F	6.0
	2F	6.5
	1F	7.0
Socket	4F	6.0
	2G	6.5
	1G	7.0

Plug : CCT9901-236



Socket : CCT9901-245



<Mating plug and socket>

