

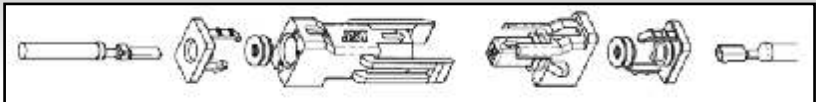
NEW DIMENSIONS

in quality weatherproof connectors

WEATHERPROOF CONNECTOR FOR PHOTO VOLTAIC (PV) APPLICATIONS

The new WVL Series connectors were developed to meet all UL requirements for use outdoors for solar panel applications. These weatherproof connectors were designed for extreme moisture and ultra violet exposure. The receptacle half has an integral loop for securing the connectors to the support structure using a wire tie. Interlocking dovetails allows housings to be locked together to form a 2-position connector.

The WVL connector kit includes; receptacle housing, plug seal assembly, two retainers, four Wire Seal O-Rings, and a connector housing unlocking tool. Unmating is simplified via a special unlocking tool provided. The latch arms of the receptacle are designed to be easily separated by the unlocking tool but make un-intentional separation difficult.



DESCRIPTION	PART NUMBER
WVL KIT:	WVLK-01
(1) Receptacle Assembly	WVLR-K-01
(1) Plug Assembly	WVLP-K-01
(1) Connector Housing Unlocking Tool	ASJ-WVL-01
Pin Contact	SVM-61T-P2.0 (14 AWG)
	SVM-81T-P2.0 (12 AWG)
Socket Contact	SVF-61T-P2.0 (14 AWG)
	SVF-81T-P2.0 (12 AWG)

SPECIFICATIONS:

- **Current Rating:** 15.0 Amps (AC/DC)
- **Voltage Rating:** 600V (AC/DC)
- **Wire Range:** AWG #14 - 12
- **Temperature Range:** -25° to +90°C (including temperature rise in applying electrical current)
- **Dielectric Withstanding:** Meets or exceeds the requirements of UI1741 (File #E232920 - #14 AWG only)
- **Contacts:** Bronze, tin plated
- **Housing:** UL-94V-0, UV resistant polycarbonate



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