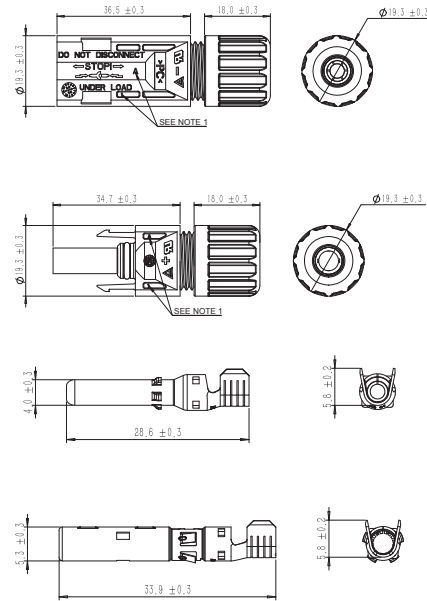


H4 PRO PV Connector



Characteristics

- ◆ Low performance loss throughout the entire service life
- ◆ Available as a field and preassembled connector, standard crimping tools can be used.
- ◆ NEC code compliant (no locking sleeve required; UL certification only)
- ◆ Dual-certified at 1500V DC to UL 6703 & IEC 62852:2014+A1
- ◆ High IP degree (IP68 1m/1h, when mated)
- ◆ UL94-V0 (self-extinguishing)
- ◆ UV resistance
- ◆ RoHS, REACH compliant
- ◆ Cable OD range from Ø 4.5mm to Ø 7.8mm

Item	Description
Rated Voltage	UL6703 1500V DC / IEC62852:2014+A1, 1500V DC
Rated Currents(IEC @85°C)	25A(2.5mm ² / 14AWG), 41A(4.0mm ² / 12AWG), 45A(6.0 mm ² / 10AWG)
Rated Currents(UL@85°C)	15A (14AWG), 35A(12AWG), 35A(10AWG)
Rated impulse voltage	16KV (IEC)
Typical contact resistance	≤ 0.3mΩ for Stamped & Formed Contact ,TYP
Insulation material	Thermoplastic (PC/PA)
Contact Material	Copper, Tin-Plated
Type of Connection	Crimping
Application Class	Class A
Over Voltage Category	III
Degree of Protection	IP65/ IP68(1 meter, 1hours) mated, IP2X unmated
Flame Class	UL94-V0
Cable OD Range	Ø4.5mm~Ø7.8mm
Pollution Degree	2
Safety Class	Class II
Ambient Temperature Range	-40°C~+85°C
Upper Limiting Temperature	115°C
Locking System	Snap Locking