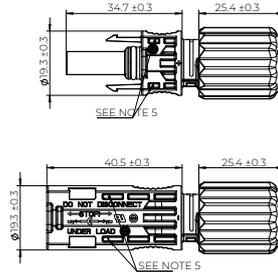


SUNKEAN

H4 Plus Solar Connector



Characteristics

- ◆ RADSOK patented technology
- ◆ Lower contact resistance
- ◆ Excellent thermal shock performance exceeds UL requirements
- ◆ TÜV & UL double approval
- ◆ IP68 Rating (when mated)
- ◆ Easy to lock and unlock, strong sealing
- ◆ High-performance polymer material, more reliable, durable, and stable over lifetime
- ◆ RoHS, REACH compliant

Item	Description
Rated Voltage	1500V per UL 6703 / IEC 62852, Class A
Rated Current	25A (2.5mm ²), 35A(4.0mm ²), 45A(6mm ²), 64A(10mm ²) 15A (14AWG), 20A(12AWG), 30A(10AWG), 50A(8WAG)
Typical Contact Resistance	≤0.20mΩ, using Amphenol's low resistance RADSOK® contact technology
Ambient Temp Range	-40°C~+85°C
Contact material	Tin-plated Copper
Contact System	Machined/Cold-formed (CF) OR Stamped & Formed (S&F)
Cable Size	Ø5.0mm to Ø8.7mm
Cable OD Range	2.5mm ² /14AWG, 4.0mm ² /12AWG, 6.0mm ² /10AWG, 10mm ² /8AWG
Locking Mechanism	Meets NEC NFPA 70, 690.33 (C) requirement for self-locking with tool-required unlock (no separate parts/sleeves needed)
Cable Strain Relief	Compression gland featuring a torque-limiting, anti-backspin, ratcheting gland nut
Degree of protection, mated unmated	IP68(1 meter, 1 hour) IPX2 touch-proof
Environmental Ratings	Outdoor suitable (fl) rated materials, per UL 746C Flame Class: UL 94-V0