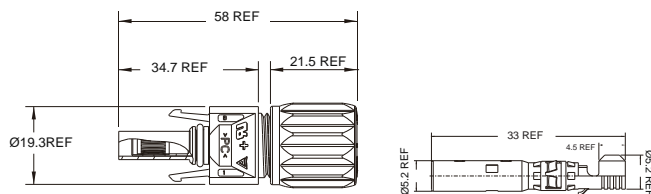
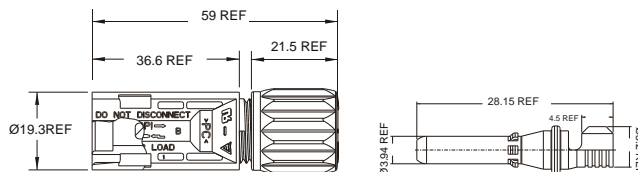


H4 series PV Cable Connector

Part Number: H4CF.....



Part Number: H4CM.....



Technical Data

| | | | |
|-------------------------------------|---|--|---|
| Rated voltage | 1500V DC per UL 6703 1000V DC per TÜV IEC62852 | Cable OD range | Ø5.3mm – 7.65mm |
| Rated current (per IEC 62852, 85°C) | 25A (2.5mm ² /14AWG) 35A (4.0mm ² /12AWG) 45A (6.0mm ² /10AWG) | Unlock options | Tool unlock type(TÜV/UL) or Manually unlock type(TÜV only) |
| Rated current (per UL 6703) | 15A (2.5mm ² /14AWG) 20A (4.0mm ² /12AWG) 30A (6.0mm ² /10AWG) | Ingress protection rating | IP68, mated (1 m, 1 h) & IP2X touch-proof, unmated |
| Rated impulse voltage | 12kV(1000V DC per TÜV) | Ambient temperature range | -40°C to +85°C (TÜV) -40°C to +90°C (UL) |
| Typical contact resistance | ≤0.3mΩ | Upper limiting temperature | +120°C |
| Contact material | Tin-plated Copper Alloy | Flame class | UL 94 V-0 |
| Contact system options | Cold Formed (CF) or Stamped & Formed (S&F)*1 | Overvoltage category/Pollution degree | CAT III/2 |
| Insulation material | PC/PA | Material safety | RoHS, REACH compliant |
| Type of termination | Crimping | Approvals: | |
| | | TÜV certified to IEC 62852 UL certified to UL6703 CSA certified to UL 6703 | R50388083 E339277 |

How to Order a Connector (please choose one code per position, below)

Part Number Coding: **H4 C F C 4 D M S**

| Product Line | Product Type | Gender | Connector Type | Cable Size | | Certifications | Packaging | Contact Type | | |
|-------------------|------------------|-------------|---------------------------------|-------------------------------------|--------------------------------|-------------------------------|-----------|--|------------------------------|---|
| H4 (H4 series) | C (Connector) | F Female | C Cable gland Tool unlock | 0 | Without Contact | D Dual UL/TÜV Certified | I | 1 pc/bag | S S&F | |
| | | | | 2 | 2.5mm ² / 14AWG | | C | 100 pcs/bag | | |
| | | | M Male | D Cable gland Manually unlock | 4*2 | | | 4.0mm ² /12 AWG & 6.0mm ² /10AWG(S&F) | T*3 Only TÜV Certified | M |
| | | | | | 4.0mm ² /12AWG(CF) | | | | | |
| | | 6 | | | 6.0mm ² / 10AWG(CF) | | | | | |

*2. When ordering a S&F contact, please use cable size order code "4" for both 4.0mm²/ 12AWG & 6.0mm²/ 10AWG.
*3. When ordering cable connectors, please use certifications order code "T" for Manually unlock type cable gland connectors.