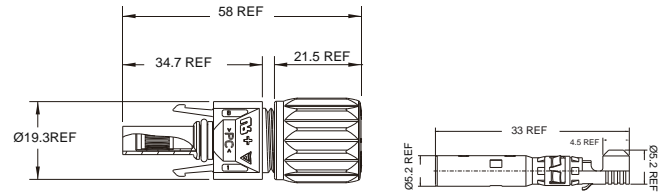
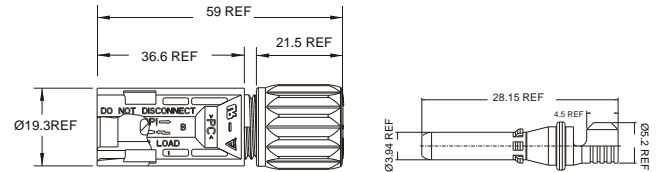


### H4 series PV Cable Connector




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 <sup>2</sup> /14AWG) 35A (4.0mm <sup>2</sup> /12AWG) 45A (6.0mm <sup>2</sup> /10AWG)	Unlock options	Tool unlock type(TÜV/UL) or Manually unlock type(TÜV only)
Rated current (per UL 6703)	15A (2.5mm <sup>2</sup> /14AWG) 20A (4.0mm <sup>2</sup> /12AWG) 30A (6.0mm <sup>2</sup> /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  250535

#### 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 <sup>2</sup> / 14AWG		C	100 pcs/bag	
			M Male	D Cable gland Manually unlock	4*2			4.0mm <sup>2</sup> /12 AWG & 6.0mm <sup>2</sup> /10AWG(S&F)	T*3 Only TÜV Certified
					4.0mm <sup>2</sup> /12AWG(CF)				
		6			6.0mm <sup>2</sup> / 10AWG(CF)				

\*2, When ordering a S&F contact, please use cable size order code "4" for both 4.0mm<sup>2</sup>/ 12AWG & 6.0mm<sup>2</sup>/ 10AWG.

\*3, When ordering cable connectors, please use certifications order code "T" for Manually unlock type cable gland connectors.