

TECHNICAL BULLETIN



AMPHENOL HELIOS H4/UTX H4 CONNECTORS

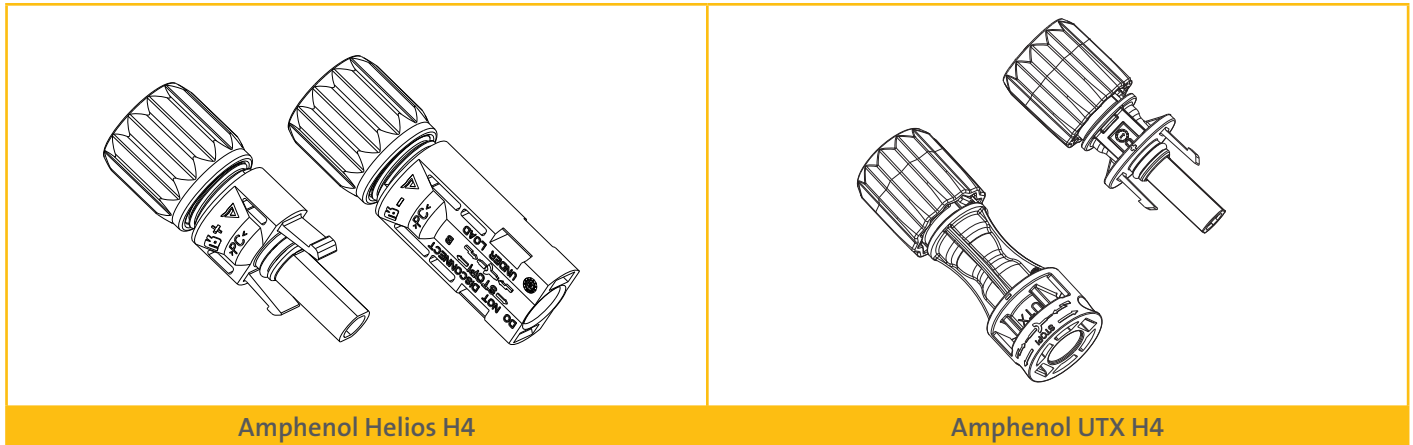
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SolarWorld is transitioning from Amphenol H4 connectors to Amphenol UTX H4 connectors on all 60 and 72-cell modules starting in October of 2015; a complete conversion to UTX connectors will be finalized by the end of February 2016.

Amphenol UTX H4 Features and Benefits

- » Triple certified to UL 1000V, TUV 1500V – Class A, and JET 1500V
- » NEC Code compliant – no locking sleeve required
- » Ratcheting gland back prevents backspin once the nut is tightened
- » RoHS, REACH, PAHS and Halogen-free compliant
- » UL94 V-0 (self-extinguishing)
- » Available for wire gauges 14 AWG/2.5 mm² to 8 AWG/10 mm²
- » IP68 rating when mated
- » Wide operating temperature range from -40 °F to 194 °F (-40 °C to 90 °C)

Connector Comparison



Amphenol Helios H4

Amphenol UTX H4

Connector Compatibility

Amphenol Helios H4 and UTX H4 connectors are compatible and can be used interchangeably. A 3rd-party test report is available upon request if an AHJ requires verification from Customer Service.

Module Shipments

Customers may receive shipments of modules with both types of connectors within the same pallet while the conversion is taking place.

Tool Compatibility

Your existing Amphenol crimping tool (Amphenol part number H4TC002) and disconnect tool (Amphenol part number H4TU0000) are compatible with the UTX connectors.

A new wrench tool is also required for the UTX connectors, Amphenol part number UTXTWA001. New tools can be purchased through your local electrical distributor.