

# TECHNICAL BULLETIN



## AMPHENOL HELIOS H4/UTX H4 CONNECTORS

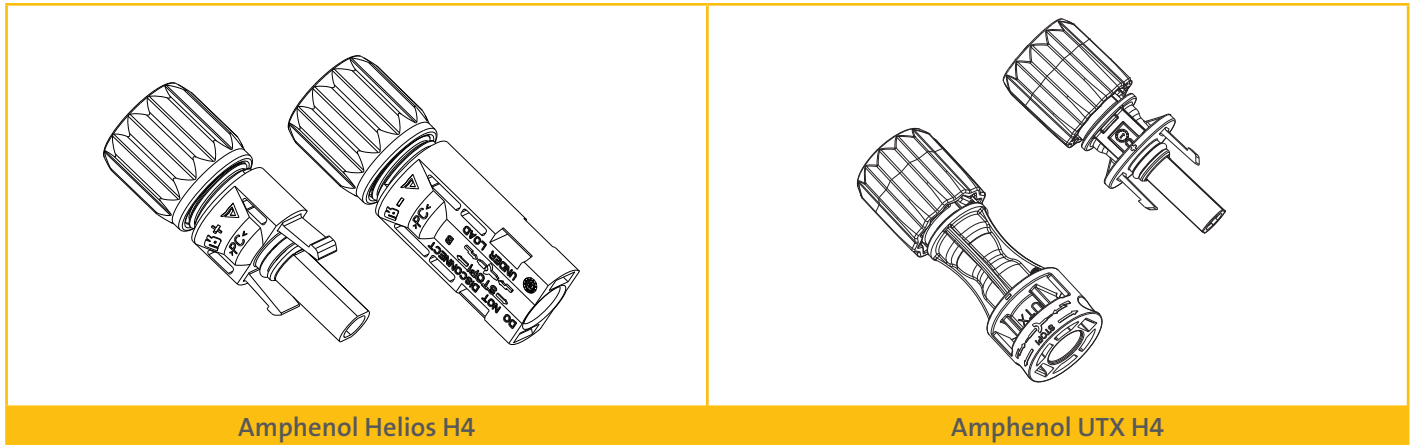
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SolarWorld is transitioning from Amphenol H4 connectors to Amphenol UTX H4 connectors on all 60 and 72-cell modules starting in October of 2015; a complete conversion to UTX connectors will be finalized by the end of February 2016.

### 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 mm<sup>2</sup> to 8 AWG/10 mm<sup>2</sup>
- » 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.