



AMPHENOL INDUSTRIAL

**PCN ON H4 SERIES CONNECTORS
23 SEPTEMBER 2020**



PCN – PRODUCT CHANGE NOTICE H4 SOLAR CONNECTORS

Please be informed the H4 solar connector will undergo a few modification as of September 2020.

The updated version has been approved by the third party test laboratory per specifications UL6703 and IEC62852 with same performance of the last version or better. The so far supplied prior to September 2020 version will be no longer available.

The differences between the 2 versions on linked to the below components:

1. Sealing components on cable and panel connectors.
2. The height of cap for cable connectors.
3. Add rib on the ID of the female housing on cable and panel connectors.
4. Eliminate big O-ring on panel connectors.



The current so far supplied H4 and the updated H4 are fully backwards compatible and intermateable.

Notes:

The new version performs the same or better under UL6703 and IEC62852 test specifications. For customers with new design applications, we recommend customers to validation our product per specific application conditions. Amphenol has the final right to interpret it

1a - DETAILS CHANGE ON SEALING COMPONENTS FOR FEMALE CABLE CONNECTOR



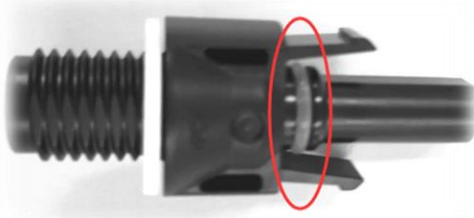

DIFFERENCE	IMPROVEMENT
<ul style="list-style-type: none"> • Collet material change from PPE to PA. • Grommet and O ring colour appearance change from white to transparent 	<ul style="list-style-type: none"> • Improve the sealing performance. • PA material for collet is less sensitive to chemicals.

PRODUCT	CURRENT	NEW
H4 CABLE CONNECTOR FEMALE		

NOTE:
 These new components implemented on the H4 are used on our UTX series connectors since a long time with excellent sealing performance.

1a - DETAILS CHANGE ON SEALING COMPONENTS FOR FEMALE PANEL CONNECTOR



DIFFERENCE	IMPROVEMENT
<ul style="list-style-type: none"> Grommet and O ring colour appearance change from white to transparent 	<ul style="list-style-type: none"> Improve the sealing performance.

PRODUCT	CURRENT	NEW
H4 PANEL CONNECTOR FEMALE	 	 

NOTE:
 These new components implemented on the H4 are used on our UTX series connectors since a long time with excellent sealing performance.

1b - DETAILS CHANGE ON SEALING COMPONENTS FOR MALE CABLE CONNECTOR

DIFFERENCE	IMPROVEMENT
<ul style="list-style-type: none"> • Collet material change from PPE to PA. • Grommet colour appearance change from white to transparent 	<ul style="list-style-type: none"> • Improve the sealing performance. • PA material for collet is less sensitive to chemicals.

PRODUCT	CURRENT	NEW
H4 CABLE CONNECTOR MALE		

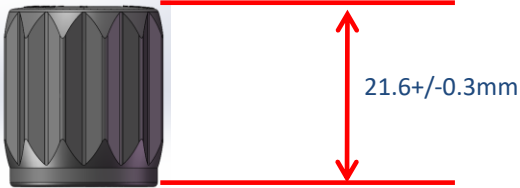
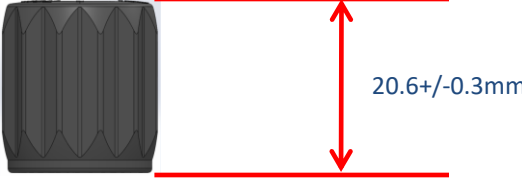
NOTE:
 These new components implemented on the H4 are used on our UTX series connectors since a long time with excellent sealing performance.

2 - DETAILS CHANGE ON CAP FOR MALE AND FEMALE CABLE CONNECTOR

DIFFERENCE



IMPROVEMENT

- The new height of cap to fit with the new sealing parts

PRODUCT	CURRENT	NEW
<p>H4 MALE AND FEMALE CABLE CONNECTOR</p>	 <p>21.6+/-0.3mm</p>	 <p>20.6+/-0.3mm</p>

3 - DETAILS CHANGE ON RIB ON FEMALE CABLE & PANEL CONNECTOR

DIFFERENCE	IMPROVEMENT
<ul style="list-style-type: none"> Add rib on the ID of the female housing 	<ul style="list-style-type: none"> More easy to assemble.

PRODUCT	CURRENT	NEW
<p>H4 CABLE & PANEL CONNECTOR FEMALE</p>		

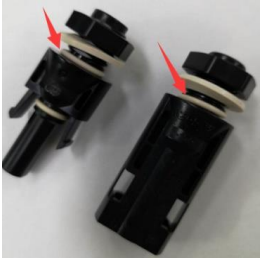
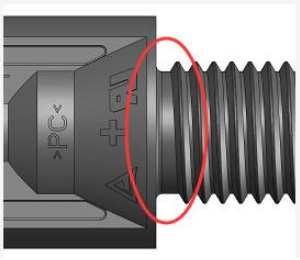

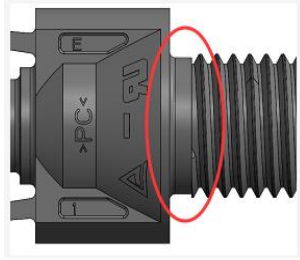
4 - DETAILS REMOVAL BIG O-RING MALE AND FEMALE PANEL CONNECTOR

DIFFERENCE

- Eliminate the big O ring
- Filled up the o-ring groove and plastic body strengthened

IMPROVEMENT

- Optimize strength of plastic body
- Remain sealing performance with one gasket

PRODUCT	CURRENT		NEW	
<p>H4 MALE AND FEMALE PANEL CONNECTOR</p>				

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