



## PRODUCT CHANGE NOTIFICATION

**PRODUCT CHANGE NOTIFICATION NUMBER:** PC000027

**PCN DATE:** July 14, 2023

This notice is to inform you about the following changes to the listed Stewart Connector products. For any further questions about these changes, please contact your Stewart Connector sales contact, or customer service representative.

**PARTS AFFECTED:**

See Appendix A

**GENERAL PRODUCT DESCRIPTION:**

Vertical and Angled RJ45 Connectors

**REASON FOR CHANGE:**

Since the Covid-19 pandemic, the world has been working through evolving supply chain issues which have affected many different industries. During this period, Stewart Connector experienced extreme supply constraints on certain key raw materials which affected production lead-times and our ability to confirm orders in a timely fashion. This caused us to re-evaluate our key raw materials and implement alternatives, where possible, to provide more flexibility in the future to help minimize the impact of supply constraints.

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**DESCRIPTION OF CHANGE:**

Currently, the signal contacts used in the part numbers listed are produced using a wire drawing process which creates the cross section of the contact by pulling it through a drawing die. Although this is a common process in the metal working industry, it requires special tooling and equipment. This PCN will qualify these connectors to be made with the existing drawn wire contacts that we use today OR contacts created with a more traditional progressive stamping process. The addition of this approved method for producing these contacts will provide flexibility and more options for raw material sources.

Although the change will affect some internal construction of the contacts and plastic features, it will not cause a visible difference to the external appearance of the connector. It will also not change any of the mechanical or electrical performance specifications of the connector. Below is a table summarizing some of these key contact attributes for the current and new contact construction:

<b><u>Attribute</u></b>	<b><u>Current drawn wire contact</u></b>	<b><u>New stamped contact</u></b>
<b>Contact production method</b>	Drawn wire	Progressive stamping
<b>Contact Material</b>	Phosphor Bronze	Phosphor Bronze
<b>Contact plating - overall</b>	Nickel	Nickel
<b>Contact plating in mating area</b>	Selective Gold – As specified	Selective Gold – As specified
<b>Contact cross-sectional shape</b>	Rectangular	Rectangular
<b>Finished Product Country of Origin</b>	USA	China

Full product qualification testing will be completed by the product series and can be provided upon request. Part numbers will undergo a revision change once the new stamped contacts are approved for production. After that point, either contact construction could be used to produce the finished goods.

**ESTIMATED IMPLEMENTATION SCHEDULE:**

Sample availability	11/1/2023
Released for production	2/1/2024

**SIGNATURE:**



Derek Imschweiler  
General Manager  
Stewart Connector

## **Appendix A**

SS-650810-A-FLS  
SS-650810-A-NF  
SS-650810-A-NF-50  
SS65100-005F  
SS65100-009F  
SS65100-010F  
SS65100-019F  
SS65100-030F  
SS65100-031F  
SS65100-059F  
SS65100-065F  
SS65100-066F  
SS65100-068F  
SS-651010-A-NF  
SS-651010-A-NF-K2  
SS71800-021F  
SS71800-022F  
SS71800-023F  
SS-71800-064  
SS-7188V-A-FLS  
SS-7188V-A-NF  
SS-7188V-A-NF-50