



## PRODUCT CHANGE NOTIFICATION

**PRODUCT CHANGE NOTIFICATION NUMBER:** PC000021

**PCN DATE:** May 19, 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:**

Single Port Right Angle 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	<b><u>10/1/2023</u></b>
Released for production	<b><u>12/1/2023</u></b>

\*\* If samples are required, please reference this PCN number on your sample request and place sample orders as soon as possible so materials can be planned.

**SIGNATURE:**



Derek Imschweiler  
General Manager  
Stewart Connector

## **Appendix A**

SS-640610-NF-A111  
SS-640810-A-NF-A111  
SS-640810-A-NF-K1-A75  
SS-640810-NF-A111  
SS-640810-NF-A75  
SS-640810SA-FLS-1-01-A111  
SS-640810S-A-NF-A111  
SS-640810S-A-NF-A75  
SS64100-002F  
SS64100-010F  
SS64100-014F  
SS64100-015F  
SS64100-018F  
SS64100-021F  
SS64100-023F  
SS64100-037F  
SS64100-043F  
SS64100-075F  
SS64100-081F  
SS-64100-082  
SS64100-083F  
SS64100-089F  
SS-641010-A-NF-A111  
SS-641010-NF  
SS-641010-NF-A111  
SS-641010-NF-A115  
SS-641010-NF-A432  
SS-641010-NF-RMK4  
SS-641010S-A-NF-A111  
SS64800-012F  
SS-6488-FLS  
SS-6488-NF  
SS-6488-NF-A431  
SS71800-003F  
SS-7188-NF  
SS-6448-NF-A01  
SS-6488-NF-A01  
SS71800-132F