

## Product Change Notification

Positronic will deem this change accepted unless specific conditions of acceptance are provided in writing within 30 days from the date of this notice.

<b>PCN Number</b>	PCN-10573
<b>PCN Title</b>	End of Life of #20 and #22 Legacy Closed Entry Female Contacts in Select D-Sub and Rectangular Series
<b>Notification Date</b>	20 January 2022 <i>Pre-notifications were sent out to the same mailing list in <b>December 2020</b> and <b>June 2021</b> to prepare for this formal PCN notification</i>
<b>Implementation Dates</b>	JUN 2022 – The deadline for last-time buy quotes to be issued. AUG 2022 – The deadline for last-time buy purchase orders to be accepted. DEC 2022 – The deadline for all shipments of legacy parts to be completed. JAN 2023 – Legacy parts will be out of production.
<b>Part Description</b>	Select Series with “F” Style Legacy Closed Entry Contact (Size #20 and #22)

### Affected Part Number(s)

#### Impacted Connector Part Numbers

ACBMP*1F*2	HDC*1F*2	SADD*1F*2	SDD*1F*2
CBC*1F*2	MDX*1F*2	SAVAC*1F*2	SGM*1F*2 (see additional info)
CBCD*1F*2	PCD*1FC*2	SCBC*1F*2	SGMC*1F*2
CBM*1F*2	PCDD*1FC*2	SCBCD*1F*2	SMPL*1F*2
DD*1F*2	RD*1F*2	SCBDD*1F	SND*1F*2
EVD*1F*2	SACBMP*1F*2	SCBDD*1F*2	XAVAC*1F*2
HAD*1F*2 (see additional info)	SAD*1F*2	SCBM*1F*2	

#### Impacted Contact Part Numbers

FC6*12*1D*2	FS6*12*1D*2	FC8*12*1D*2	FS8*12*1D*2
FC6*12*1M*2	FS6*12*1M*2	FC8*12*1M*2	FS8*12*1M*2
FC42*1N*2	FS42*1N*2 (see additional info)	FDS4*1N2*2	FPF4*1N2*2

\*1 One to four alphanumeric characters, e.g. 0,2, 6, 9, 25, 104, 3W3, 46W4, etc.

\*2 Any string of alphanumeric characters

For a list of affected part numbers, please click [here](#).

### Change Description

Legacy closed entry female contacts are being obsoleted in favor of the improved PosiBand® design. The PosiBand design is a time-tested and industry-approved improvement over the legacy design. This PCN primarily affects female contacts and connectors that conform to one of the part numbering formats shown in the table above. Customers purchasing part numbers impacted by this PCN, but not adhering to the above part numbering formats, will be notified individually about their specific part numbers.

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**Reason for Change**

The PosiBand contact is a more robust contact than the legacy design it replaces.

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**Performance Impact**

The PosiBand design utilizes a two-piece contact design where one piece serves the mechanical function and one piece serves the electrical function. This approach provides more consistent performance both mechanically and electrically.

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**Qualification Data**

PosiBand contacts are QPL listed under SAE AS39029 and MIL-DTL-24308; and qualified under NASA's GSFC S-311-P4. See summary, [click here](#).

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**Distinguishable Characteristics**

Legacy closed entry design



PosiBand design



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**PCN Correspondence**

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*\* The implementation date is the projected date that customers may begin to receive changed product. Based on the rate of inventory depletion of current product, the implementation date may be later, but not earlier, than the stated date. Although customers should be prepared to receive changed product on this date, Positronic may continue shipping current product until a time in which the inventory has been depleted. This would result in current product being shipped to customers after the stated implementation date.*

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