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an Amphenol company

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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.

PCN Type

X	Form / Fit / Function
	Informational
	Qualified Product Listing (QPL)

PCN Number
PCN-10660

PCN Title
Loctite Adhesive Change for Select Glued Components

Notification Date
10 September 2025

Implementation Date*
10 October 2025

Part Description
Connectors manufactured at Positronic France with select modification codes utilizing glued contacts, alignment bars, and ferrite beads.

Affected Part Number(s)
See affected parts list.

Change Description
The gluing operation for contacts, alignment bars, and ferrite beads, which currently uses Loctite 498 cured by ambient humidity, will transition to using Loctite 4311, cured with ultraviolet light.

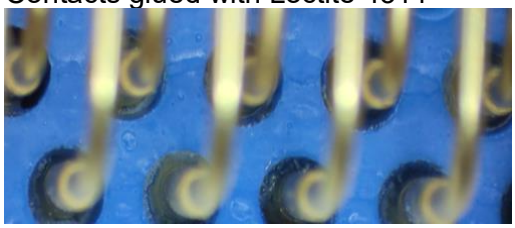
Reason for Change
Loctite 498 is a cyanoacrylate adhesive that cures with moisture in the air, which can cause a chemical phenomenon known as blooming. Blooming appears as a white haze or cloudiness on the surface of the cured adhesive. In contrast, Loctite 4311 is cured using ultraviolet light, a process that prevents the occurrence of blooming.

Performance Impact
Continues to meet all applicable published performance requirements.

Distinguishable Characteristics

Contacts glued with Loctite 498

Contacts glued with Loctite 4311



Qualification Data

Characteristic	Detail	Verification Method	Requirements	Results
Inspection	Visual Inspection	EIA 364-18	Visual inspection including workmanship, appearance, blooming, glue visibility through the front panel, and other related criteria.	PASS
Environmental	Humidity	EIA-364-31	Method IV 10 cycles	PASS
Environmental	Thermal Shock	EIA-364-32	-55°C / 125°C 1 hour at each temperature stage, 5 cycles	PASS
Chemical Resistance	Vigon A200	EIA 364-10 Test condition Z	Visual Inspection Dielectric Withstanding Voltage Insulation Resistance	PASS
Chemical Resistance	Deflux	EIA 364-10 Test condition Z	Visual Inspection Dielectric Withstanding Voltage Insulation Resistance	PASS
Electrical	Dielectric Withstanding Voltage	EIA 364-20, Method A	No evidence of breakdown or flashover with a test voltage at 1000 Vrms (60 Hz), duration ≥ 1 minute. Leakage current ≤ 2 mA	PASS
Electrical	Insulation Resistance	EIA 364-21	Geater than 5000 MΩ, under 500 Vdc ±10% for 1 minute	PASS

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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.*