

## 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 Number

PCN-10621

### PCN Title

Size 12 Contact Retainer Material Change from Beryllium Copper (BeCu) to Polyetherimide (PEI)  
(Addendum to PCN-10195)

### Notification Date

13 June 2023

### Implementation Date

14 August 2023

### Part Description

Size 12 Removable Solder Contacts

### Affected Part Number(s)

See affected parts [list](#).

### Change Description

Size 12 contact retainers previously manufactured with Beryllium Copper (BeCu) will now be manufactured using Polyetherimide (PEI).

### Reason for Change

Reduction of Beryllium Copper (currently on the RoHS watch list) to minimize negative environmental impacts.

### Performance Impact

PEI material meets or exceeds performance of BeCu in this application.

### Distinguishable Characteristics

The contact retainer will change from gold plated to black plastic.

## Qualification Data

### I. Qualification Testing

The scope of testing included twelve (12) each of the following:

Part Numbers Tested

MMIP12W12F0000

MMIP12W12M0000

### II. Testing per MIL-STD-202

All testing was conducted per the relevant sections of MIL-STD-202 and any other industry standard document referenced within the specification.

*Table XI, Qualification Inspection, Group I:*

<u>Contact Retention</u>	<u>PASS</u>
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*Table XI, Qualification Inspection, Group II:*

<u>Resistance to Solder Heat</u>	<u>PASS</u>
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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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