



Product Change Notification

Date Issued :	April 02, 2026	PCN Number :	518088
Reason for Change :	Capacity change or tool replacement Manufacturing Process Change (Molex)		
Description of Change :	This notification is to inform you about 2 production lines are being added to meet the current and future demands of this product referenced below. And manufacturing process change for the part(s) listed in this notice is changing. There will be no changes in fit, form or function.		
Reason for Short Notice :	Capacity Increase		
Assessment of Change :	No change to parts - Form/Fit/Function		
Planned Implementation Date :	July 30, 2026		
Customer Sample Availability Date:	April 29, 2026		
Last date to request Samples by Customer : April 17, 2026			
Please note if Samples are not requested as per Customer Samples Request date, it may take additional 4-6 weeks to arrange Samples.			
Traceability Code Markings/ Date :	Date code		

Before Picture

1. To support the growing customer demand for microbeam-based Bipass assemblies, the current donor cable capacity is insufficient to fully support Bipass order allocation. As a result, we are in the process of adding new production lines (TTV2 and TTV3) for microbeam donor cables to ensure uninterrupted order fulfillment.

Before change	After change
1 microbeam production line (TTV 1)	3 microbeam production lines (TTV1, TTV2 & TTV3)

After Picture

2. Manufacturing process change in the Microbeam line

Implement a laser cleaning station to remove mylar and dielectric residues from drain wires, improving process consistency and weld quality at the laser welding stations.



Introduce a laser welder to fully terminate drain wires to the ground beam structure in the Microbeam donor receptacle. Resistance welding will continue to be used at a lower power setting to flatten the drain wires onto the ground structure.



RELEASED

Additional Information :**Overview**

- **Change description:** This PCN is initiated to inform customers of an increase in manufacturing capacity for the microbeam donor cable through the addition of a new TTV2 & TTV3 production line to support the growing demand of Bipass assembly and A manufacturing process change is being implemented with the addition of laser cleaning and laser welding stations.
- **Reason for change:**
 - Capacity increase is Driven by increased customer demand and to improve process consistency and welding quality by eliminating residue-related variability.
- **Product Impact**
 - There is no fit, form or functional impact to the affected PN's.
- **Part Number Impact**
 - See attached impacted parts list.
- Qualification and samples available upon request.
- PCN will be implemented once all required qualification/ validation has been completed and all necessary approvals have been obtained.

RELEASED

You may address inquiries regarding this PCN by clicking on the below link
mailto:pcn_coordinator@molex.com?subject=PCN_Notification:518088
or contact your Local Sales Engineer.

Note: While responding, please retain " PCN Notification : **PCN Notification: 518088** " in the e-mail Subject line for faster response.

Molex, LLC
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Lisle, IL 60532
TEL (800) 786-6539
www.molex.com

PCN #	Customer #	Customer Name	Search Term	Molex Part #	Customer Material #
518088	103679	TTI, Inc.	TTI INC	2216330250	MLX221633-0250

City	State	Country	Sales Engineer Name
Maisach-Gernlinden	09	DE	Carlos ARINO

Sales Engineer email	Opportunity #	Opportunity Item Lost Indicator
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CARLOS.ARINOMORENO@MOLEX.COM

PCN No	Part List
518088	2202274001
518088	2202274002
518088	2202274003
518088	2202274004
518088	2202274005
518088	2202274006
518088	2202274007
518088	2202274008
518088	2202274009
518088	2202274010
518088	2202274011
518088	2202274012
518088	2202278001
518088	2202278002
518088	2202278021
518088	2202278022
518088	2202278023
518088	2202278024
518088	2214778103
518088	2214778104
518088	2214778105
518088	2214778121
518088	2214778122
518088	2214778123
518088	2214778203
518088	2214778205
518088	2214778221
518088	2214778222
518088	2214778223
518088	2214778224
518088	2214778225
518088	2216330250
518088	2216330500
518088	2216350400
518088	2216379200
518088	3030828001