



Product Change Notification (PCN)

PCN Number	511105	Date Issued	January 10, 2022
Reason for Change	Change to Product		
Change Type Description	This letter is to inform you that changes are being made to the part(s) identified in this Notice. The change may affect the fit, form, function or appearance of the parts, or it may result in a change to the specification. The details below show an example of the possible differences.		
Reason for Short Notice	Update Previously Issued Change Notice		
Assessment of Change	Product will be fully qualified before it is shipped. Qualification reports will be available after below listed date		
Internal Molex Qualification Date	January 20, 2022		
Sample Availability Date (Changed Part)	January 20, 2022		
Planned Implementation Date	February 10, 2022		
Method of Identifying Change	Date code		

RELEASED

Before Change

6.2.10	Panel Insertion and Withdrawal Forces (45776 Series)	Insert and withdraw a connector at a rate of 25 ± 6 mm (1 ± ¼ inch) per minute.	225 N (50.7 lbf) MAXIMUM insertion force and 133 N (29.9 lbf) MINIMUM withdrawal force	Panel specification update Old
6.2.10	Panel Insertion and Withdrawal Forces (45776 Series)	Insert and withdraw a connector at a rate of 25 ± 6 mm (1 ± ¼ inch) per minute. Test panel thickness : 3.00mm	225 N (50.7 lbf) MAXIMUM insertion force and 133 N (29.9 lbf) MINIMUM withdrawal force	New Add panel spec for 6.2.10 test
6.2.12	Thumb latch Yield Strength	Mate loaded connectors fully. Pull connectors apart at a speed rate of 25 ± 6 mm (1 ± ¼ inch) per minute (after 1° mate)	68 N (15.3 lbf) MINIMUM	Latch specification update Old
6.2.12	Thumb latch Yield Strength	Mate loaded connectors fully. Pull connectors apart at a speed rate of 25 ± 6 mm (1 ± ¼ inch) per minute (after 1° mate)	68 N (15.3 lbf) MINIMUM	new Add 6.2.13 latch spec for 45776
6.2.13	Thumb latch Yield Strength (45776 Series)	Mate loaded connectors fully. Pull connectors apart at a speed rate of 25 ± 6 mm (1 ± ¼ inch) per minute (after 1° mate). Test specimens: initial specimen after produce	68 N (15.3 lbf) MINIMUM	

After Change

Overview

- Different test set up will cause different test result for 45776 samples which produced in Capacity tooling in shanghai. We need to update test condition to limit the variables brought by the set up .
- Product Impact
 - No any impact in product
 - Update new PS specification
- Part Number Impact
 - 457761008 & 457762008 & 457763008
- Qualification Reports and samples available upon request after the date shown above



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You may address any technical inquiries regarding this PCN by sending E-mail to pcn_coordinator@molex.com or your Local Sales Engineer.

Note: While responding, please retain "**PCN Notification:511105**" in the e-mail Subject line for faster response.

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