



Product Change Notification

Date Issued :	October 07, 2022	PCN Number :	512706
Reason for Change :	Change Supplier		
Description of Change :	<p>The increasing global demand has caused a global shortage of various resin. This extraordinary situation, in conjunction with an already constrained market, has caused immediate and severe disruption in the industry.</p> <p>Due to these supply constraints, Molex identified an internal shortage of resin supply with would create a challenge to fulfill all orders. Therefore, we identified an alternative sourcing for the product 501645 and 503901.</p> <p>After applying this change, Molex parts will be manufactured by one of them - the current supplier's material or the alternative supplier's one by the resin supply situation.</p>		
Reason for Short Notice :	Special Request		
Assessment of Change :	First Article Inspection		
Planned Implementation Date :	November 30, 2022		
Sample Availability Date:	October 28, 2022		
Internal Molex Qualification Date :	October 31, 2022		
Last date to request Samples by Customer :	October 24, 2022		
Traceability Code Markings / Date :	Date code		

Before Picture

Reason of change

- The increasing global demand has caused a global shortage of various resin. This extraordinary situation, in conjunction with an already constrained market, has caused immediate and severe disruption in the industry.
- Due to these supply constraints, Molex identified an internal shortage of resin supply with would create a challenge to fulfill all orders. Therefore, we identified an alternative sourcing for the product 501645 and 503901.
- After applying this change, Molex parts will be manufactured by one of them - the current supplier's material or the alternative supplier's one by the resin supply situation.
- We apologize for the inconvenience, but in view of the urgency of this matter, if there is no particular reply to change notified by this PCN, it will be considered that the change have been approved and will be implemented with the above Planned implementation Date.

Detail change

	Material	Supplier
Current	Resin	Supplier A
Alternative	Resin	Supplier B

After Picture

After change

- The alternative supplier operate under ISO9001 certification
- Molex material scientists conducted comprehensive equivalency analysis comparing properties of resin between the original supplier and alternative supplier. Molex internal qualification is conducted to ensure that finished product meet relevant product specifications before delivery.
- There is no expected change regarding to form, fit and function.
- There is no change on product specification.
- Part Number impact :
501645-xx20; 501645-xx50 ; 501645-1690 ; 501645-1090 ; 501645-xx21 ;
503091-xx20; 503901-xx60 ; 503091-xx70; 503091-xx21 ;
503091-xx61; 503091-xx71.

- Identification :
For the first 6 months of production starting by the alternative material, Molex will add "M" at the end of Traceability number on the label to identify products made from alternative materials



(Sample image)

RELEASED

You may address inquires regarding this PCN by clicking on the below link
mailto:pcn_coordinator@molex.com?subject=PCN_Notification:512706
 or contact your Local Sales Engineer.

Note: While responding, please retain " PCN Notification : **PCN Notification: 512706** " in the e-mail Subject line for faster response.

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PCN No Part List

512706 [5016451020](#)
512706 [5016451021](#)
512706 [5016451090](#)
512706 [5016451220](#)
512706 [5016451221](#)
512706 [5016451222](#)
512706 [5016451250](#)
512706 [5016451420](#)
512706 [5016451421](#)
512706 [5016451422](#)
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