

Molex

Product Package Handling Specification

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DOCUMENT NUMBER: 454990100-PK	CREATED / REVISED BY: sgangadhardo	CHECKED BY: ajyotisharma	APPROVED BY: kprasad

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1.0 HANDLING OF MOLEX CONNECTORS

1.1 SCOPE

This specification covers the handling guidelines for Molex products that are packaged in Tray Packaging, Tape and Reel, Bulk Packaging and Tube Packaging. Any figures and illustrations found in this document are for graphical representation only and are not drawn to scale.

When corresponding with Molex personnel, kindly use the terminology provided in this document to facilitate your request for more information. Basic terms and features of this product are illustrated below.

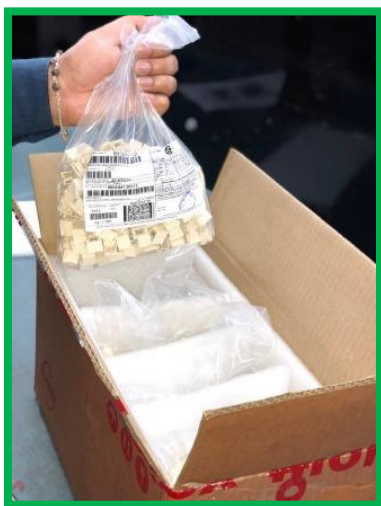
2.0 TYPES OF MOLEX PACKAGING



TRAY PACKAGING



TAPE & REEL PACKAGING



BULK PACKAGING



TUBE PACKAGING

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3.0 REFERENCE DOCUMENTS

3.1 Reference the specific Product Packaging Drawing per each product.

4.0 DRAWINGS

Packaging Specification Drawings (PSD) is available from the Molex service network. By referring to the appropriate PSD for information on number of parts per tray, number of trays per carton, orientation of parts and trays vs packaging method.

In the event of any discrepancies between the information contained in the PSD and this specification or with any other technical documentation supplied. PSD take precedence.

5.0 TRAY PACKAGING

Simulations have been done on the potential of on spot handling scenario by the material handlers/operators. This session will guide them on the dos and don'ts when handling the received packaging.

5.1 Avoid stacking the pallet on another pallet.



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5.2 Ensure the 'Molex' logo and label are at upright location when opening the box.



5.3 Lift the stack of trays from the carton. Grab the stack, using both hands, by the packing tape as shown.



5.4 After removing the stretch film around the stack of trays, it is advisable to take out only 1 tray at a time with both hands in vertical direction. Avoid lifting the trays from the box at an angle or pour the trays out.

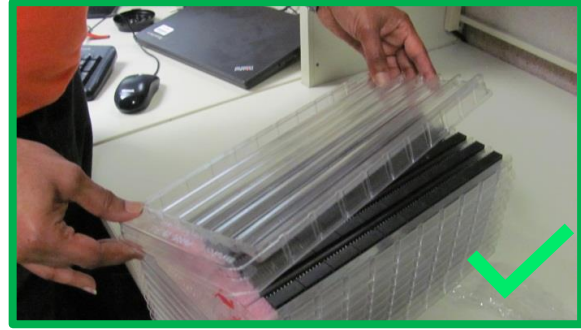


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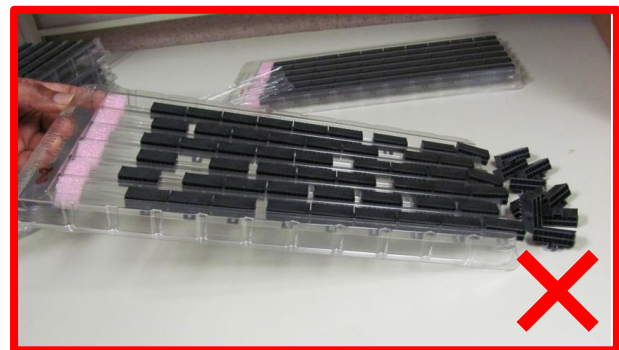
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6.0 HANDLING OF CONNECTORS IN TRAYS

6.1 Handle the stack of trays using both hands.



6.2 Pick one tray out of stack one at a time, using both hands.



6.3 It is not advisable to carry the tray from one side. Hold both sides of the tray so that the tray will be balanced.

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6.4 Avoid touching the terminals. Do not hold the connector by its terminals but from the outer housing walls to prevent potential bent pins.



6.5 Do not take more than one connector at a time. Improper handling can cause connector damage.



6.6 When placing unused connectors back into the tray, ensure that they are put in the correct orientation.

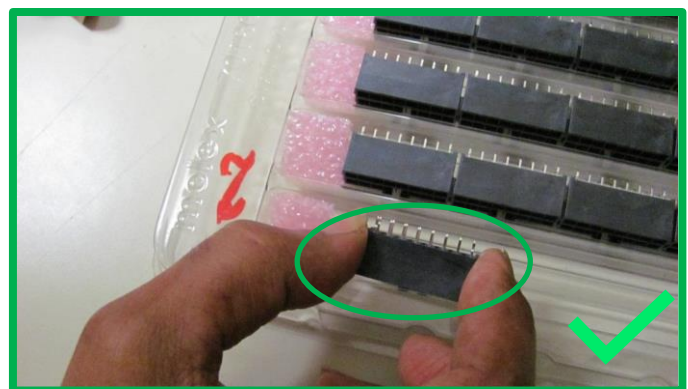
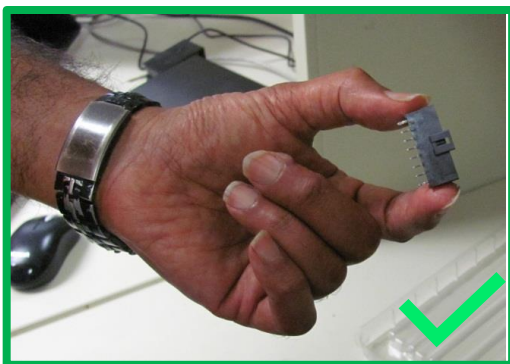


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6.7 Only a reasonable number of trays can stack on one another. Do not stack more than a single carton's quantity of trays in any one stack. Over-stacking may damage the connectors and solder tails (if any of the trays falls off the stack, or if trays are mishandled when removing from the stack.)

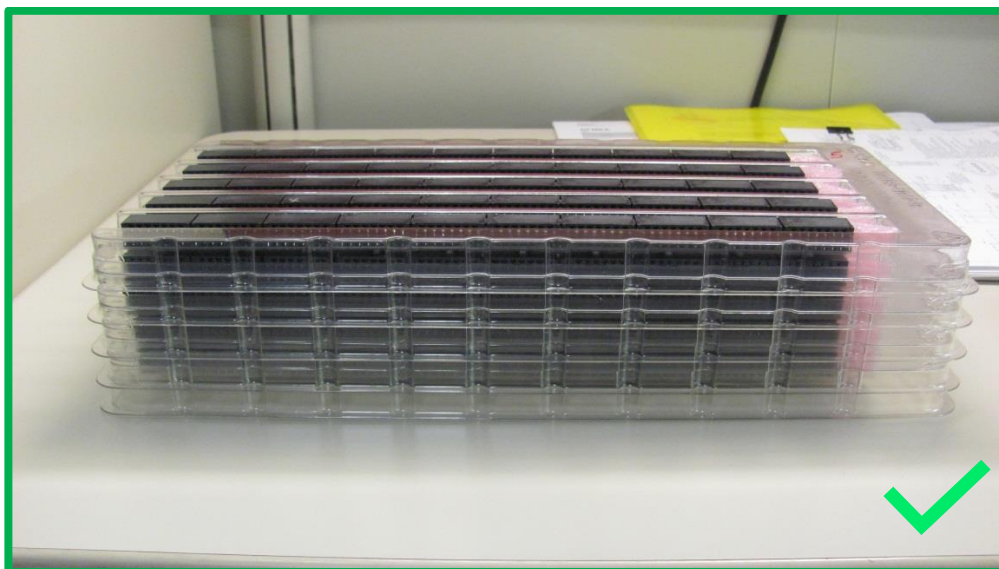


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7.0 DESCRIPTION ON PRODUCT PACKAGING – TAPE & REEL

WTB header assemblies are packed in Tape and Reel:



7.1 REFERENCE DOCUMENT

7.2 DRAWINGS

Packaging Specification Drawings (PSD) is available from the Molex service network. By referring to the appropriate PSD for information on number of parts per Reel, number of Reel per carton, orientation of Reel and Reels vs packaging method.

In the event of any discrepancies between the information contained in the PSD and this specification or with any other technical documentation supplied. PSD take precedence.

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7.3 PROCEDURES

7.4 HANDLING OF PACKAGING

Simulations have been done on the potential of on spot handling scenario by the material handlers/operators. This session will guide them on the dos and don'ts when handling the received packaging.

7.4.1 Avoid stacking the pallet on another pallet.



7.4.2 Ensure the 'Molex' logo and label are at upright location when opening the box.



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7.4.3 Lift the stack of Reels from the carton. Grab the Reel, using both hands and place as shown.



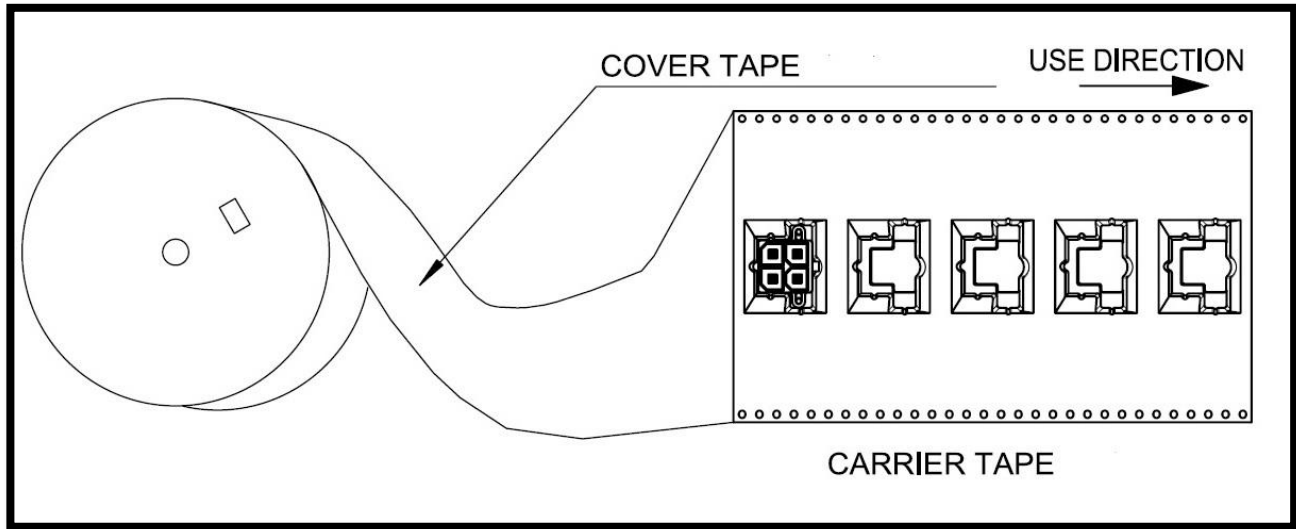
7.4.4 After removing the Reel from the stack of Reels, it is advisable to hold the Reel facing the Molex label while removing the Tape



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7.4.5 Reel to be mounted in the machine as per Machine Specification



7.4.6 Only a reasonable number of Reels can stack on one another. Do not stack more than a single carton's quantity of Reels in any one stack. Over-stacking may damage the connectors and solder tails (if any of the Reels falls off the stack, or if Reels are mishandled when removing from the stack).



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8.0 BULK PACKAGING

Header assemblies are packed in Carton Boxes:



8.1 REFERENCE DOCUMENT

8.2 DRAWINGS

Packaging Specification Drawings (PSD) is available from the Molex service network. By referring to the appropriate PSD for information on number of parts per polybag, number of bags per carton, orientation of bags and bags vs packaging method.

In the event of any discrepancies between the information contained in the PSD and this specification or with any other technical documentation supplied. PSD take precedence.

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8.3 PROCEDURES

8.3.1 HANDLING OF PACKAGING

Simulations have been done on the potential of on spot handling scenario by the material handlers/operators. This session will guide them on the dos and don'ts when handling the received packaging.

8.3.2 Avoid stacking the pallet on another pallet.



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8.3.3 Ensure the 'Molex' logo and label at upright location when opening the box.



8.3.4 Lift the polybag from the carton box as shown.

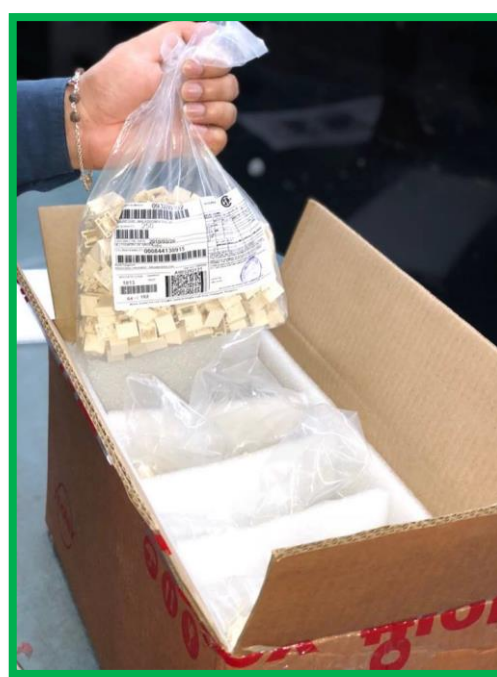


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8.3.5 Ensure that Molex label is present on each of the polybags in the carton



8.4 HANDLING OF CONNECTORS

8.4.1 Cut the polybag with a scissor as shown:



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8.4.2 Pick the connector one at a time gently from the bag



8.4.3 Avoid touching the terminals. Do not hold the connector by its terminals but from the outer housing walls to prevent potential bent pins.

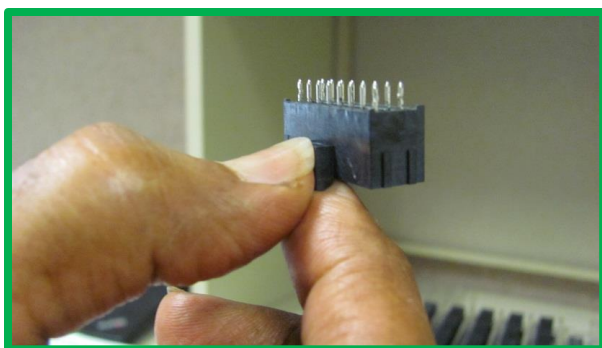


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9.0 DESCRIPTION ON PRODUCT PACKAGING – TUBE PACKAGING

WTB header assemblies are packed in Tube:



9.1.1 REFERENCE DOCUMENT

9.2 DRAWINGS

Packaging Specification Drawings (PSD) is available from the Molex service network. By referring to the appropriate PSD for information on number of parts per Tube, number of Tubes per carton, orientation of Tube and Tubes vs packaging method.

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9.3 HANDLING OF CONNECTORS

9.3.1 Ensure the 'Molex' logo and label are at upright location when opening the box.



9.3.2 Lift the primary carton using both hands from the master carton. Ensure that Molex Label is clearly visible on the primary carton



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9.3.3 Gently cut the primary carton as shown. Remove the foam wraps covering the tubes



9.4 HANDLING OF CONNECTORS

9.4.1 Take out the tube one by one gently as shown.



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9.4.2 Remove the stopper from one end of the tube and gently remove the connector from the tube

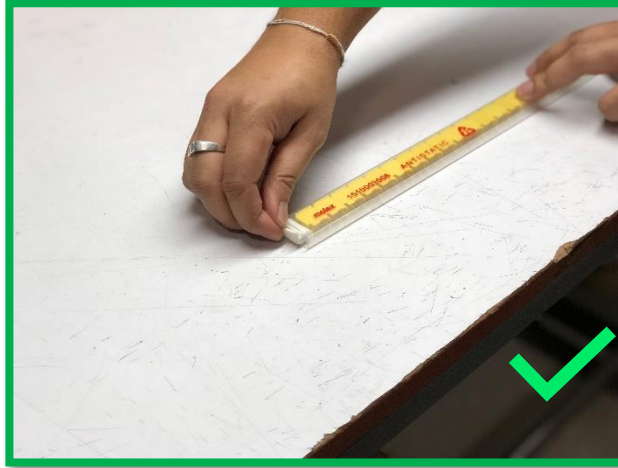


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