



Product Change Notification

Date Issued :	January 05, 2023	PCN Number :	513191
Reason for Change :	Packaging Method/Quantity Changing		
Description of Change :	The same PNs are manufactured from 2 plants, Molex Malaysia and Molex Korea, with different DU/MLQ and packaging spec. This PCN is prepared mainly to consolidate the DU(Delivery Unit)/MLQ quantity for these 2 plants. Packaging spec changes including reel diameter and outer box size increase upon SPQ, DU and MLQ quantity change.		
Reason for Short Notice :	Special Request		
Assessment of Change :	Drop Test		
Planned Implementation Date :	March 31, 2023		
Sample Availability Date:	February 23, 2023		
Internal Molex Qualification Date :	December 28, 2022		
Last date to request Samples by Customer :	March 22, 2023		

Before Picture

PCN OVERVIEW

- **Product Family : Pico-Blade 1.25**

- **Background and purpose**

- Background : The same PNs are manufactured from 2 plants, Molex Malaysia and Molex Korea, with different DU/MLQ and packaging spec. This PCN is prepared mainly to consolidate the DU(Delivery Unit)/MLQ quantity for these 2 plants.
- Main purpose : Consolidate the packaging spec and will help to risk management when there is delivery issue.

- **Product Impact**

- There will be NO impact to fit, form or function.

- **Major changes**

- Packaging spec changes including reel diameter and outer box size increase upon SPQ, DU and MLQ quantity change
- 53398/53261 10 circuits will be EOL from manufacturing of Korea production due to the risk of emboss tape failure from the new packaging spec.
- We will only keep MXL production for 10 circuits so those who use Molex Korea product will need to transfer the Manufacturing site.

After Picture

1) CHANGES IN DU QUANTITY

Series	Description	Before(MXL)			Before(MXX)			After(MXL and MXX)			Remarks
		Qty per reel	Number of reels	Qty per shipping box	Qty per reel	Number of reels	Qty per shipping box	Qty per reel	Number of reels	Qty per shipping box	
53398-xx71 53398-xx76 53398-40xx 53398-50xx	Vertical 2p	1,000	8	8,000	1,000	7	7,000	1,400	8	11,200	
	Vertical 3p	1,000	8	8,000	1,000	7	7,000	1,400	8	11,200	
	Vertical 4p	1,000	6	6,000	1,000	6	6,000	1,400	6	8,400	
	Vertical 5p	1,000	6	6,000	1,000	6	6,000	1,400	6	8,400	
	Vertical 6p	1,000	6	6,000	1,000	6	6,000	1,400	6	8,400	
	Vertical 7p	1,000	6	6,000	1,000	6	6,000	1,400	6	8,400	
	Vertical 8p	1,000	6	6,000	1,000	6	6,000	1,400	6	8,400	
	Vertical 9p	1,000	6	6,000	1,000	6	6,000	1,400	6	8,400	
	Vertical 10p	1,000	6	6,000	1,000	5	5,000	1,400	6	8,400	10p EOL for Korea production
	Vertical 11p	1,000	4	4,000	1,000	5	5,000	1,400	5	7,000	
	Vertical 12p	1,000	4	4,000	1,000	5	5,000	1,400	5	7,000	
	Vertical 13p	1,000	4	4,000	1,000	5	5,000	1,400	5	7,000	
	Vertical 14p	1,000	3	3,000	1,000	4	4,000	1,400	4	5,600	
	Vertical 15p	1,000	3	3,000	1,000	4	4,000	1,400	4	5,600	
	53261-xx71 53261-xx27 53261-40xx 53261-50xx	RightAngle 2p	1,000	8	8,000	1,000	7	7,000	1,600	8	12,800
RightAngle 3p		1,000	8	8,000	1,000	7	7,000	1,600	8	12,800	
RightAngle 4p		1,000	6	6,000	1,000	6	6,000	1,600	6	9,600	
RightAngle 5p		1,000	6	6,000	1,000	6	6,000	1,600	6	9,600	
RightAngle 6p		1,000	6	6,000	1,000	6	6,000	1,600	6	9,600	
RightAngle 7p		1,000	6	6,000	1,000	6	6,000	1,600	6	9,600	
RightAngle 8p		1,000	6	6,000	1,000	6	6,000	1,600	6	9,600	
RightAngle 9p		1,000	6	6,000	1,000	6	6,000	1,600	6	9,600	
RightAngle 10p		1,000	6	6,000	1,000	5	5,000	1,600	6	9,600	10p EOL for Korea production
RightAngle 11p		1,000	4	4,000	1,000	5	5,000	1,600	5	8,000	
RightAngle 12p		1,000	4	4,000	1,000	5	5,000	1,600	5	8,000	
RightAngle 13p		1,000	4	4,000	1,000	5	5,000	1,600	5	8,000	
RightAngle 14p		1,000	3	3,000	1,000	4	4,000	1,600	4	6,400	
RightAngle 15p		1,000	3	3,000	1,000	4	4,000	1,600	4	6,400	

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Additional Information :

2) CHANGES IN PACKAGING MATERIAL

Series	Description	Before(MXL)				Before(MXK)				After(MXL and MXK)				Remarks
		Carrier tape width	Shipping box size (WxLxH mm)	Reel φ	Number of silicagel	Carrier tape width	Shipping box size (WxLxH mm)	Reel φ	Number of silicagel	Carrier tape width	Shipping box size (WxLxH mm)	Reel φ	Number of silicagel	
53398-xx71 53398-xx76 53398-40xx 53398-50xx	Vertical 2p	16	396x396x211	380	1	16	352x350x230	*330	1	16	399x395x218	380	1	
	Vertical 3p	16	396x396x211	380	1	16	352x350x230	*330	1	16	399x395x218	380	1	
	Vertical 4p	24	396x396x211	380	1	24	352x350x230	*330	1	24	399x395x218	380	1	
	Vertical 5p	24	396x396x211	380	2	24	352x350x230	*330	1	24	399x395x218	380	1	
	Vertical 6p	24	396x396x211	380	2	24	352x350x230	*330	1	24	399x395x218	380	1	
	Vertical 7p	24	396x396x211	380	2	24	352x350x230	*330	1	24	399x395x218	380	1	
	Vertical 8p	24	396x396x211	380	2	24	352x350x230	*330	1	24	399x395x218	380	1	
	Vertical 9p	24	396x396x211	380	2	24	352x350x230	*330	1	24	399x395x218	380	1	
	Vertical 10p	24	396x396x211	380	2	32	352x350x230	*330	1	24	399x395x218	380	1	10p EOL for Korea production
	Vertical 11p	32	396x396x211	380	2	32	352x350x230	*330	1	32	399x395x218	380	1	
	Vertical 12p	32	396x396x211	380	2	32	352x350x230	*330	1	32	399x395x218	380	1	
	Vertical 13p	32	396x396x211	380	2	32	352x350x230	*330	1	32	399x395x218	380	2	
	Vertical 14p	44	396x396x211	380	2	44	352x350x230	*330	1	44	399x395x218	380	2	
	Vertical 15p	44	396x396x211	380	2	44	352x350x230	*330	1	44	399x395x218	380	2	
	53261-xx71 53261-xx27 53261-40xx 53261-50xx	RightAngle 2p	16	347x347x211	330	3	16	352x350x230	330	1	16	399x395x218	380	2
RightAngle 3p		16	347x347x211	330	3	16	352x350x230	330	1	16	399x395x218	380	2	
RightAngle 4p		24	347x347x211	330	3	24	352x350x230	330	1	24	399x395x218	380	2	
RightAngle 5p		24	347x347x211	330	4	24	352x350x230	330	1	24	399x395x218	380	2	
RightAngle 6p		24	347x347x211	330	4	24	352x350x230	330	1	24	399x395x218	380	2	
RightAngle 7p		24	347x347x211	330	4	24	352x350x230	330	1	24	399x395x218	380	2	
RightAngle 8p		24	347x347x211	330	4	24	352x350x230	330	1	24	399x395x218	380	2	
RightAngle 9p		24	347x347x211	330	4	24	352x350x230	330	1	24	399x395x218	380	2	
RightAngle 10p		24	347x347x211	330	4	32	352x350x230	330	1	24	399x395x218	380	2	10p EOL for Korea production
RightAngle 11p		32	347x347x211	330	4	32	352x350x230	330	1	32	399x395x218	380	2	
RightAngle 12p		32	347x347x211	330	4	32	352x350x230	330	1	32	399x395x218	380	2	
RightAngle 13p		32	347x347x211	330	5	32	352x350x230	330	1	32	399x395x218	380	3	
RightAngle 14p		44	347x347x211	330	5	44	352x350x230	330	1	44	399x395x218	380	3	
RightAngle 15p		44	347x347x211	330	5	44	352x350x230	330	1	44	399x395x218	380	3	

*Current ED&SD indicate as 380φ so document will not be changed. Actual production is using 330φ.

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You may address inquires regarding this PCN by clicking on the below link
mailto:pcn_coordinator@molex.com?subject=PCN_Notification:513191
 or contact your Local Sales Engineer.

Note: While responding, please retain " PCN Notification : **PCN Notification: 513191** " in the e-mail Subject line for faster response.

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Updated Quantity Template

	Before				After	
Molex Part Number	Current	Current	Current	Current	New Standard Pack Quantity (DU)	New Minimum Order Quantity
	Standard Pack	Standard Pack	Minimum	Minimum		
	Quantity (DU)	Quantity (DU)	Order	Order		
	MXL	MXK	MXL	MXK		
533980271	8000	7000	8,000	8,000	11,200	22,400
533980371	8000	7000	8,000	8,000	11,200	22,400
533980471	6000	6000	12,000	12,000	8,400	16,800
533980571	6000	6000	12,000	12,000	8,400	16,800
533980671	6000	6000	6,000	6,000	8,400	16,800
533980771	6000	6000	6,000	6,000	8,400	16,800
533980871	6000	6000	6,000	6,000	8,400	16,800
533980971	6000	6000	6,000	6,000	8,400	16,800
533981071	6000	5000	6,000	6,000	8,400	16,800
533981171	4000	5000	4,000	4,000	7,000	14,000
533981271	4000	5000	4,000	4,000	7,000	14,000
533981371	4000	5000	4,000	4,000	7,000	14,000
533981471	3000	4000	3,000	3,000	5,600	11,200
533981571	3000	4000	3,000	3,000	5,600	11,200
533980276	8000	7000	8,000	8,000	11,200	22,400
533980376	8000	7000	8,000	8,000	11,200	22,400
533980476	6000	6000	1,000	#N/A	8,400	16,800
533980576	6000	6000	6,000	6,000	8,400	16,800
533980676	6000	6000	12,000	12,000	8,400	16,800
533980776	6000	6000	1,000	6,000	8,400	16,800
533980876	6000	6000	6,000	#N/A	8,400	16,800
533980976	6000	6000	6,000	6,000	8,400	16,800
533981076	6000	5000	1,000	#N/A	8,400	16,800
533981176	4000	5000	1,000	#N/A	7,000	14,000
533981276	4000	5000	1,000	#N/A	7,000	14,000
533981376	4000	5000	1,000	#N/A	7,000	14,000
533981476	3000	4000	1,000	#N/A	5,600	11,200
533981576	3000	4000	1,000	#N/A	5,600	11,200
533984002	8000	7000	8,000	8,000	11,200	22,400
533984003	8000	7000	8,000	8,000	11,200	22,400
533984004	6000	6000	6,000	6,000	8,400	16,800
533984005	6000	6000	6,000	6,000	8,400	16,800
533984006	6000	6000	6,000	6,000	8,400	16,800
533984007	6000	6000	6,000	6,000	8,400	16,800
533984008	6000	6000	6,000	6,000	8,400	16,800
533984009	6000	6000	6,000	6,000	8,400	16,800
533984010	6000	5000	6,000	6,000	8,400	16,800
533984011	4000	5000	4,000	4,000	7,000	14,000

533984012	4000	5000	4,000	4,000	7,000	14,000
533984013	4000	5000	4,000	4,000	7,000	14,000
533984014	3000	4000	3,000	3,000	5,600	11,200
533984015	3000	4000	3,000	3,000	5,600	11,200
533985002	8000	7000	8,000	8,000	11,200	22,400
533985003	8000	7000	8,000	8,000	11,200	22,400
533985004	6000	6000	6,000	6,000	8,400	16,800
533985005	6000	6000	6,000	6,000	8,400	16,800
533985006	6000	6000	6,000	6,000	8,400	16,800
533985007	6000	6000	6,000	6,000	8,400	16,800
533985008	6000	6000	6,000	6,000	8,400	16,800
533985009	6000	6000	6,000	6,000	8,400	16,800
533985010	6000	5000	6,000	6,000	8,400	16,800
533985011	4000	5000	4,000	4,000	7,000	14,000
533985012	4000	5000	4,000	4,000	7,000	14,000
533985013	4000	5000	4,000	4,000	7,000	14,000
533985014	3000	4000	3,000	3,000	5,600	11,200
533985015	3000	4000	3,000	3,000	5,600	11,200
532610271	8000	7000	8,000	8,000	12,800	25,600
532610371	8000	7000	8,000	8,000	12,800	25,600
532610471	6000	6000	12,000	12,000	9,600	19,200
532610571	6000	6000	12,000	12,000	9,600	19,200
532610671	6000	6000	6,000	6,000	9,600	19,200
532610771	6000	6000	6,000	6,000	9,600	19,200
532610871	6000	6000	6,000	6,000	9,600	19,200
532610971	6000	6000	6,000	6,000	9,600	19,200
532611071	6000	5000	6,000	6,000	9,600	19,200
532611171	4000	5000	4,000	4,000	8,000	16,000
532611271	4000	5000	4,000	4,000	8,000	16,000
532611371	4000	5000	4,000	4,000	8,000	16,000
532611471	3000	4000	3,000	3,000	6,400	12,800
532611571	3000	4000	3,000	3,000	6,400	12,800
532610227	8000	7000	#N/A	#N/A	12,800	25,600
532610327	8000	7000	1,000	#N/A	12,800	25,600
532610427	6000	6000	1,000	#N/A	9,600	19,200
532610527	6000	6000	6,000	#N/A	9,600	19,200
532610627	6000	6000	1,000	#N/A	9,600	19,200
532610727	6000	6000	1,000	#N/A	9,600	19,200
532610827	6000	6000	6,000	6,000	9,600	19,200
532610927	6000	6000	1,000	#N/A	9,600	19,200
532611027	6000	5000	#N/A	#N/A	9,600	19,200
532611127	4000	5000	#N/A	#N/A	8,000	16,000
532611227	4000	5000	1,000	#N/A	8,000	16,000
532611327	4000	5000	#N/A	#N/A	8,000	16,000
532611427	3000	4000	1,000	#N/A	6,400	12,800
532611527	3000	4000	#N/A	#N/A	6,400	12,800

532614002	8000	7000	8,000	8,000	12,800	25,600
532614003	8000	7000	8,000	8,000	12,800	25,600
532614004	6000	6000	6,000	6,000	9,600	19,200
532614005	6000	6000	6,000	6,000	9,600	19,200
532614006	6000	6000	6,000	6,000	9,600	19,200
532614007	6000	6000	6,000	6,000	9,600	19,200
532614008	6000	6000	6,000	6,000	9,600	19,200
532614009	6000	6000	6,000	6,000	9,600	19,200
532614010	6000	5000	6,000	6,000	9,600	19,200
532614011	4000	5000	4,000	4,000	8,000	16,000
532614012	4000	5000	4,000	4,000	8,000	16,000
532614013	4000	5000	4,000	4,000	8,000	16,000
532614014	3000	4000	3,000	3,000	6,400	12,800
532614015	3000	4000	3,000	3,000	6,400	12,800
532617002	8000	7000	8,000	8,000	12,800	25,600
532617003	8000	7000	8,000	8,000	12,800	25,600
532617004	6000	6000	6,000	6,000	9,600	19,200
532617005	6000	6000	6,000	6,000	9,600	19,200
532617006	6000	6000	6,000	6,000	9,600	19,200
532617007	6000	6000	6,000	6,000	9,600	19,200
532617008	6000	6000	6,000	#N/A	9,600	19,200
532617009	6000	6000	6,000	#N/A	9,600	19,200
532617010	6000	5000	6,000	#N/A	9,600	19,200
532617011	4000	5000	4,000	#N/A	8,000	16,000
532617012	4000	5000	4,000	#N/A	8,000	16,000
532617013	4000	5000	4,000	#N/A	8,000	16,000
532617014	3000	4000	3,000	#N/A	6,400	12,800
532617015	3000	4000	3,000	#N/A	6,400	12,800