

# Amphenol Taiwan Corporation Product Change Notification

<b>Part Numbers Concerned :</b>	GSB3111XXXHR	<b>Originator:</b>	Debby Hung
<b>Customer P/N:</b>		<b>Issue Date:</b>	2021/06/16
<b>Product Description:</b>	USB 3.0 CONNECTOR STANDARD A R/A DIP TYPE R/A DIP TYPE	<b>PCN NO:</b>	1210-20000984
<b>Distribution:</b>			

## Product Change Notice

### Background:

Tooling now is too old, and almost broken, and hard to keep manufacturing components. Amphenol has been duplicated the new tooling, and improved the design and material change.

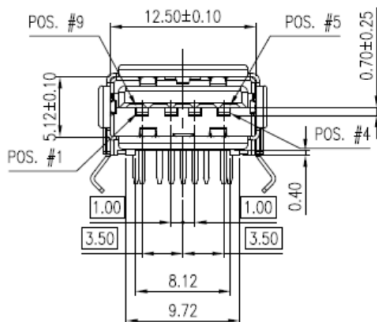
Design change including:

P/N: GSB3111XXXHR: REV:A2 -->

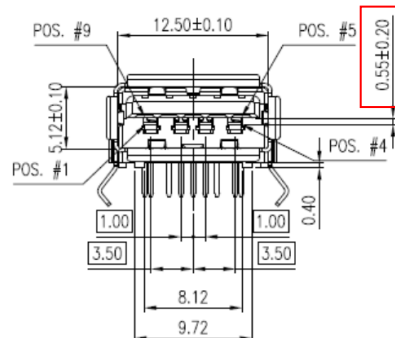
New P/N: GSB3111XXXHR:REV: B2

### Old version part:

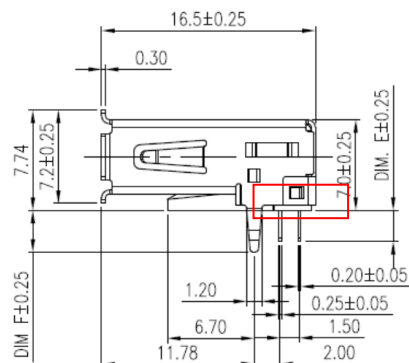
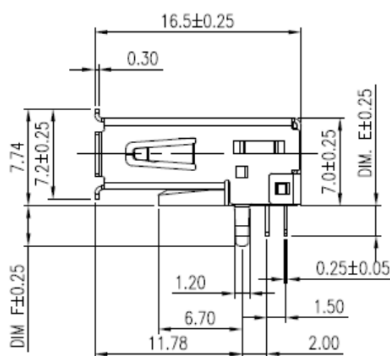
- Contact high reduces lower to meet required 10000 durability.



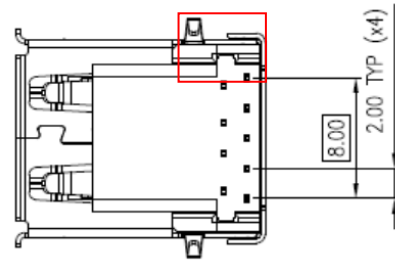
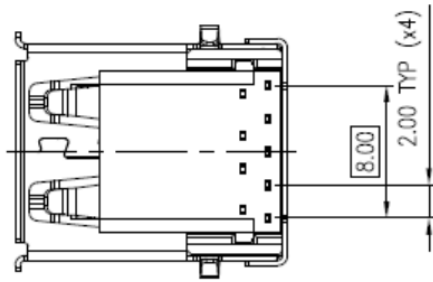
### New version part:



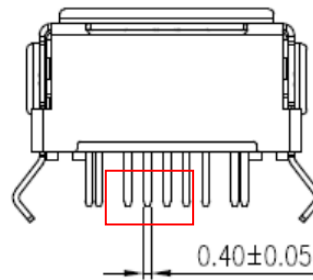
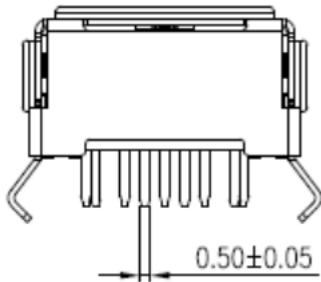
- The gap increasing between shell and PCB is to avoid short circuit and raise safety factor, and stand-off area change of housing is to avoid soldering overlapping.



# Amphenol Taiwan Corporation Product Change Notification



3. Decreasing the width of terminal to avoid damage while connector mounting on PCB.



4. For market trend of high durability, shell material changed to stainless steel can meet more than 10000 cycle times.

5.

4. METAL SHELL: COPPER ALLOY, 0.3mm THICKNESS, 50 $\mu$  MIN. NICKEL UNDER-PLATED OVERALL

4. METAL SHELL: **STAINLESS STEEL** 0.3mm THICKNESS, 50 $\mu$  MIN. NICKEL UNDER-PLATED OVERALL

## Product Part Number Affected:

GSB311113HR;GSB311111HR;GSB3111211HR;GSB3111215HR;GSB3111217HR;GSB311121HR;G  
SB3111311HR;GSB3111313HR;GSB3111315HR;GSB3111316HR;GSB311131HR;GSB3111331HR;G  
SB3111336HR;GSB311133HR;

**Implementation date:** 1<sup>st</sup> of October, 2021.

Running change

## Recommended Action:

Sales representative to inform customers for the drawing update.

If customers need the new sample test, please come to product manager.

Max Chang, Product Manager,  
886-3-2647200 ext 273  
[Max.chang@amphenol.com.tw](mailto:Max.chang@amphenol.com.tw)





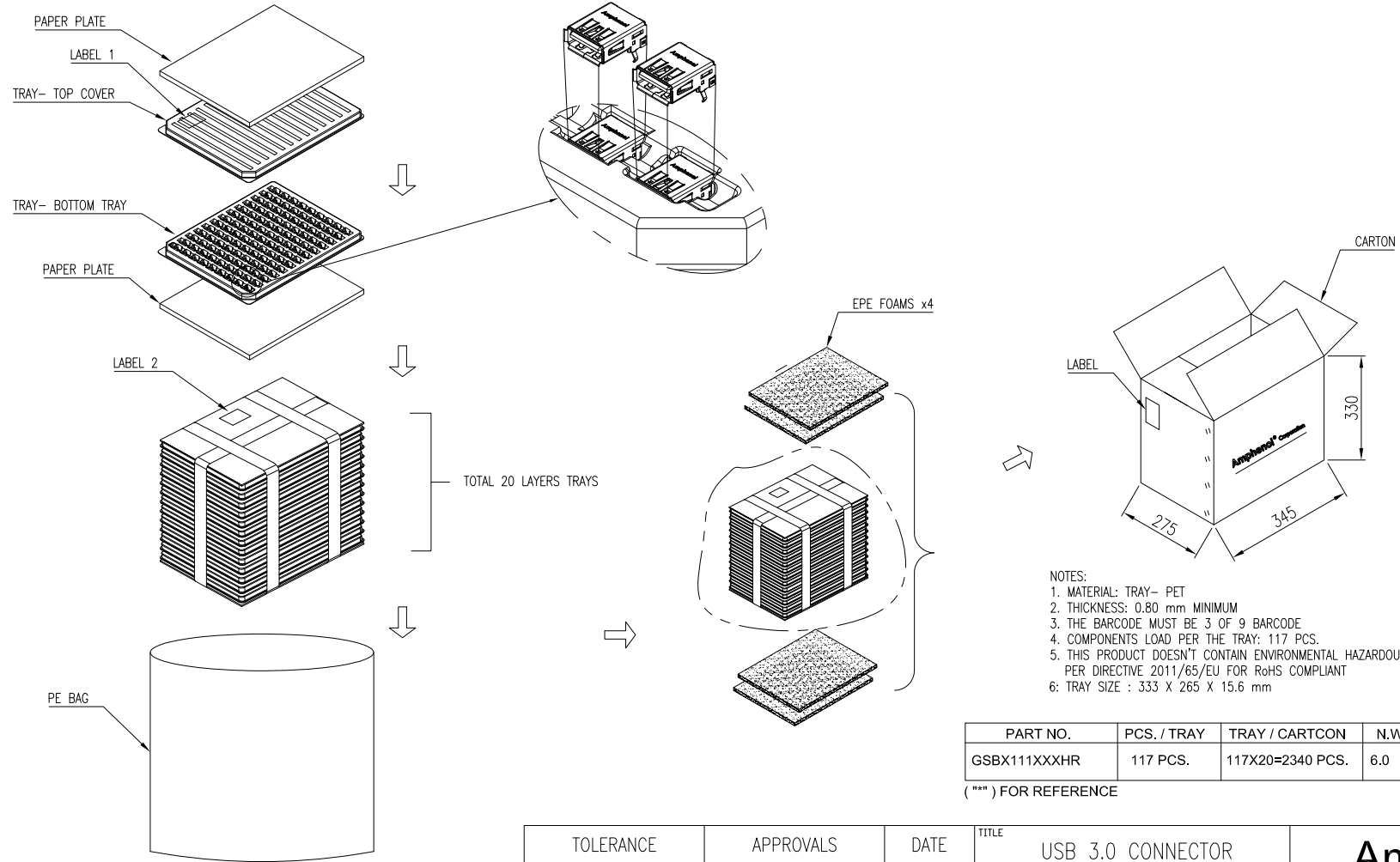
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The marking on this product doesn't contain environmental hazardous materials per directive 2011/65/EU & 2015/863/EU for RoHS compliant and per IEC 61249-2-21 for Halogen-Free compliant.

**FOR REFERENCE ONLY**



REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	BY
F1	NE-17304	ADD PANEL CUT OUT	2017-12-30	Sondra Sang
A2	NE-21035	UPDATE 7.2&14.4 TOLERANCE AND ADD SPRING DIM	2021-03-15	Debby Hung
B2X1		UPDATE STANDOFF/SHELL LOW EDGE/TERMINAL TAIL W	2021-05-05	Debby Hung
B2X2		UPDATE METAL SHELL: COPPER ALLOY TO STAINLESS STEEL	2021-06-01	Debby Hung



- NOTES:  
 1. MATERIAL: TRAY- PET  
 2. THICKNESS: 0.80 mm MINIMUM  
 3. THE BARCODE MUST BE 3 OF 9 BARCODE  
 4. COMPONENTS LOAD PER THE TRAY: 117 PCS.  
 5. THIS PRODUCT DOESN'T CONTAIN ENVIRONMENTAL HAZARDOUS MATERIALS PER DIRECTIVE 2011/65/EU FOR RoHS COMPLIANT  
 6. TRAY SIZE : 333 X 265 X 15.6 mm

PART NO.	PCS. / TRAY	TRAY / CARTON	N.W.	G.W.
GSB3111XXXHR	117 PCS.	117X20=2340 PCS.	6.0	9.4

(\*\*) FOR REFERENCE

TOLERANCE	APPROVALS	DATE	TITLE		PART No.	
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10	DRAWN Debby Hung	2021-06-01	USB 3.0 CONNECTOR STANDARD A R/A DIP TYPE		<b>Amphenol®</b> Amphenol Corporation Amphenol Taiwan Corporation	
	CHECKED Sandy Wu	2021-06-01				
	APPROVED Roger Tsai	2021-06-01				
ANGULAR ±1°	DWG TYPE CUST DWG	PROJECT CODE OTHER	UNIT mm	SIZE A3	PART No. GSB3111XXXHR	
UNLESS OTHERWISE SPECIFIED			SCALE NA	SHEET 2 OF 3	DWG No. GSB3111XXXHR	REV. B2X2

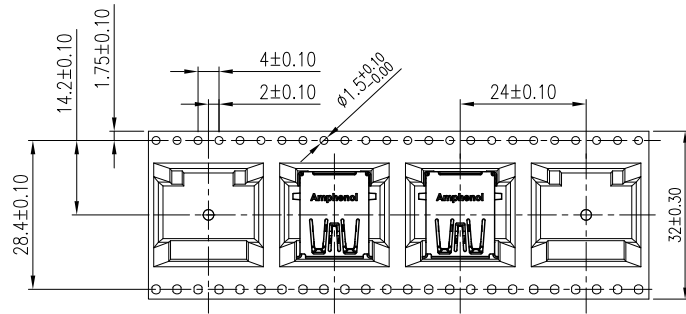
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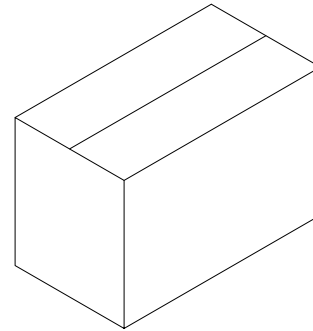
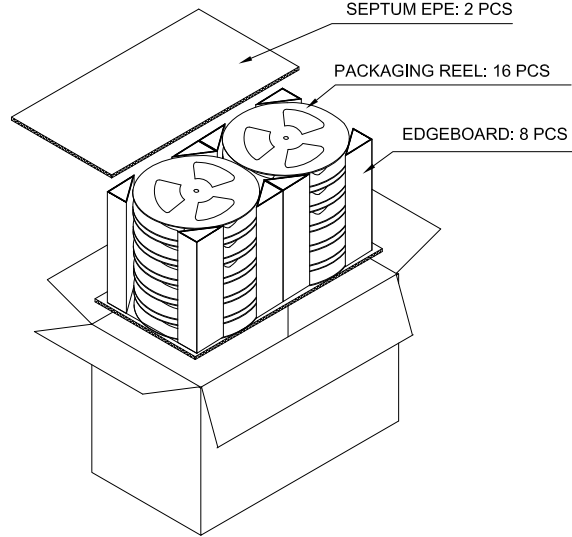
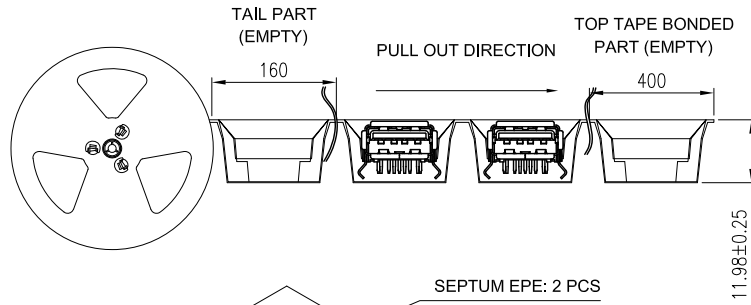
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REEL SIZE	PARTS PER CARTON<S.P.Q>	PARTS PER REEL	TOTEL REEL PER CARTON
Ø330	3520	220	16

NOTES:

1. STAPLES SHOULD ONLY BE USED TO SET UP CARTON. ALL CARTON CLOSURES MUST BE DONE WITH TAPE.
2. FILL PACKAGING TRAYS WITH THE QUANTITIES AS INDICATED IN THE CHART.
3. SHIPPING CARTON DIMENSION: 690 X 360 X 325mm.
4. NET WEIGHT: 8.4 KG.  
GROSS WEIGHT: XX KG.



TOLERANCE		APPROVALS		DATE	TITLE					
X.		DRAWN	Debby Hung	2021-06-01		USB 3.0 CONNECTOR STANDARD A R/A DIP TYPE	Amphenol® Amphenol Corporation Amphenol Taiwan Corporation			
X.X	±0.30	CHECKED	Sandy Wu	2021-06-01	PART No.		GSB3111XXXHR			
X.XX	±0.20	APPROVED	Roger Tsai	2021-06-01	UNIT	mm	SIZE	A3		
X.XXX	±0.10	DWG TYPE	CUST DWG	PROJECT CODE	OTHER	SCALE	NA	SHEET	3 OF 3	
ANGULAR	±1°					DWG No.		GSB3111XXXHR	REV.	B2X2
UNLESS OTHERWISE SPECIFIED										