

This document is the property of Amphenol Corporation and is delivered on the express condition that is not to be disclosed, reproduced or used, in whole or in part, for manufacture or sale by anyone other than Amphenol Corporation without its prior consent, and that no right is granted to disclose or to use any information in this document.

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.

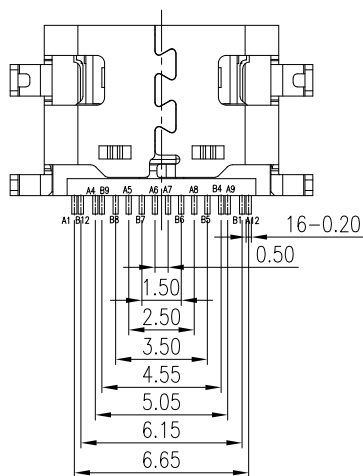
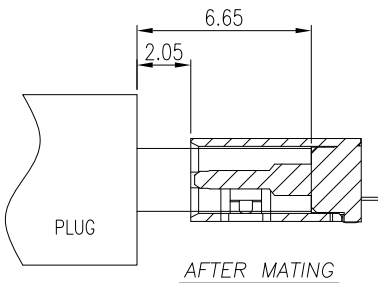
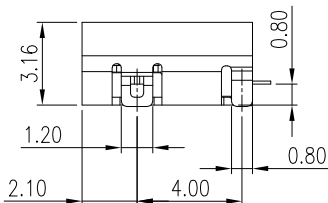
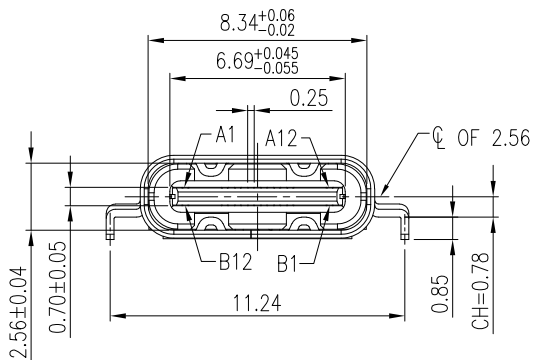
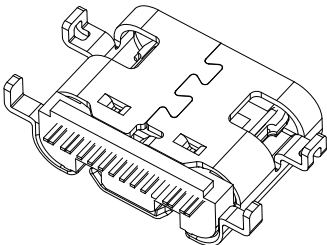
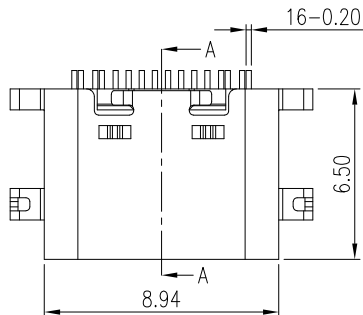
FOR REFERENCE ONLY



REVISIONS			
SYM	ECN No.	DESCRIPTION	DATE BY
AX1	EDSR#10789	NON-RELEASE REVISION	03/18/2021 Debby Hung
AX2	EDSR#10997	UPDATE PLATING OPTION 2: 30u" TO 3u" GOLD	04/22/2021 Debby Hung

NOTES:

- MATERIAL:
HOUSING: H-TEMP THERMAL PLASTIC LCP UL94-V0, COLOR: BLACK
TERMINAL: COPPER ALLOY.
MID PLATE: STAINLESS STEEL
SHELL: STAINLESS STEEL
- FINISH:
TERMINAL:
CONTACT AREA: SELECTIVE PLATING;
SOLDERING AREA: GOLD FLASH PLATING. ;
UNDER PLATING: NICKEL PLATING 50u" THICKNESS MIN.OVERALL.
SHELL:
ELECTROLESS NICKEL PLATING 50u" MIN OVER ALL.
- THIS PRODUCT DOESN'T CONTAIN ENVIRONMENTAL HAZARDOUS PER DIRECTIVE 2011/65/EU & 2015/863/EU FOR RoHS COMPLIANT. AND PER IEC 61249-2-21 FOR HALOGEN-FREE COMPLIANT.
- BEFORE IR REFLOW, COPLANARITY OF SOLDER PINS 0.10MM MAX.



PIN ASSIGNMENT							
A1	A4	A5	A6	A7	A8	A9	A12
GND	VBUS	CC1	D+	D-	SBU1	VBUS	GND
GND	VBUS	SBU2	D-	D+	CC2	VBUS	GND
B12	B9	B8	B7	B6	B5	B4	B1

P/N : GSB1C46 X 1DSHR

CONTACT FINISH
2: 3u" GOLD

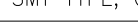
TOLERANCE		APPROVALS		DATE		TITLE				Amphenol® Amphenol Corporation Amphenol Taiwan Corporation					
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10		DRAWN Debby Hung		04/22/2021		USB 2.0 TYPE C 16 PIN RECEPTACLE R/A SINK SMT TYPE, CH=0.78mm									
		CHECKED Sandy Wu		04/22/2021											
		APPROVED Roger Tsai		04/22/2021											
ANGULAR ±1°								UNIT mm		SIZE A3		PART No. GSB1C46X1DSHR			
UNLESS OTHERWISE SPECIFIED		DWG TYPE CUST DWG		PROJECT CODE OTHER				SCALE NA		SHEET 1 OF 3		DWG No. GSB1C46X1DSHR		REV. AX2	

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.



Figure 1: Dimensions of the PCB layout. The diagram shows a rectangular PCB with various dimensions and component locations. Key dimensions include: overall width 11.24, overall height 5.70, and a central horizontal section of 9.24. Component locations are marked with labels A1 through B12. Dimensions for specific components and holes are provided, such as 2-1.80 (HOLE) for mounting holes, 2-0.30 for a central hole, and 4-0.60 (HOLE) for a row of four holes. The diagram also indicates the P.C.B. EDGE and the PRODUCT EDGE.

RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 0.80MM;DEFAULT TOLERANCE:±0.05

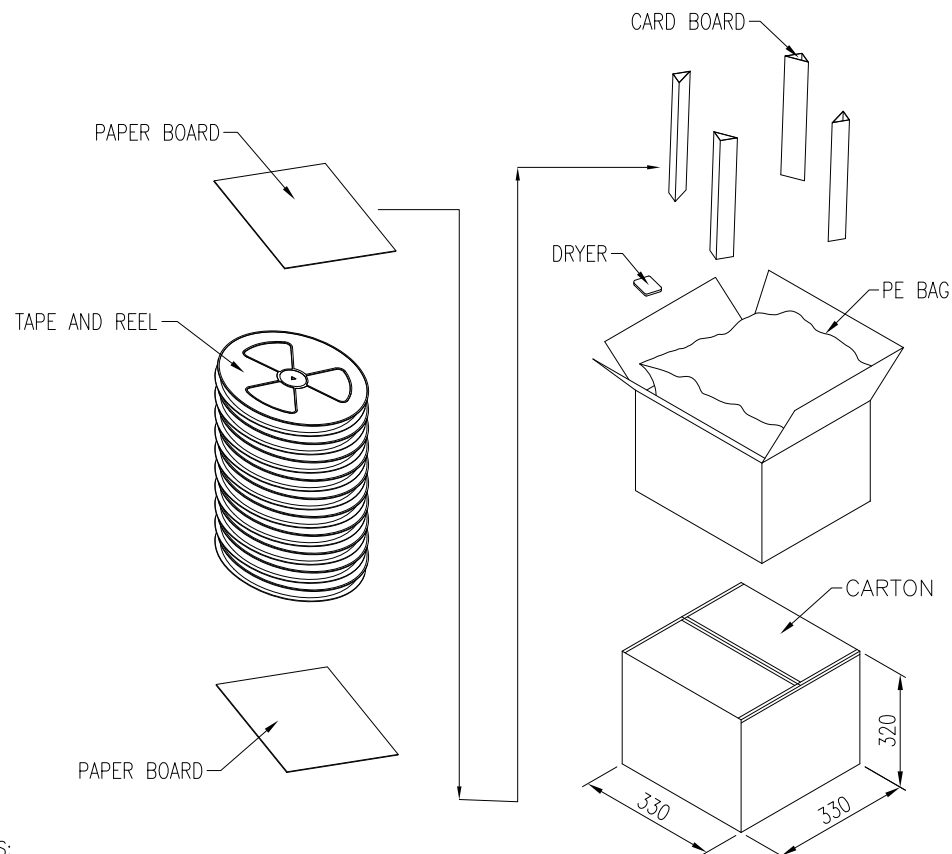
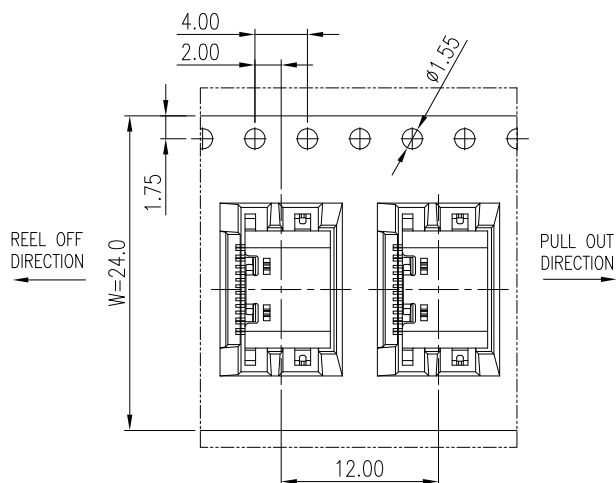
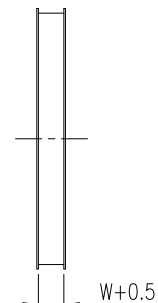
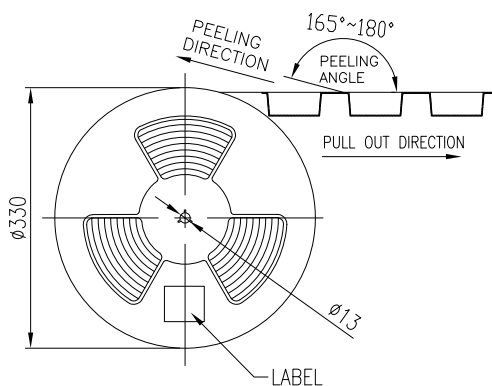
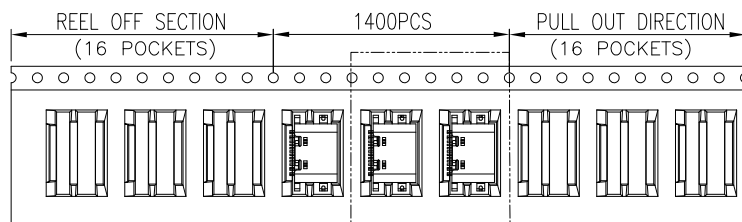
TOLERANCE		APPROVALS	DATE	TITLE USB 2.0 TYPE C 16 PIN RECEPTACLE R/A SINK SMT TYPE, CH=0.78mm			Amphenol® Amphenol Corporation Amphenol Taiwan Corporation		
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10		DRAWN Debby Hung	04/22/2021						
		CHECKED Sandy Wu	04/22/2021				PART No. GSB1C46X1DSHR		
		APPROVED Roger Tsai	04/22/2021						
ANGULAR ±1°				UNIT mm	SIZE A3				
UNLESS OTHERWISE SPECIFIED		DWG TYPE CUST DWG	PROJECT CODE OTHER	SCALE NA	SHEET 2 OF 3	DWG No.	GSB1C46X1DSHR		REV. AX2

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
AX1	EDSR#10789	NON-RELEASE REVISION	03/18/2021	Debby Hung
AX2	EDSR#10997	UPDATE PLATING OPTION 2: 30u" TO 3u" GOLD	04/22/2021	Debby Hung



1. CARRIER TAPE MEET EIA-481 STANDARD
2. PACKING QUANTITY:
 - 2.1 1400 PCS PRODUCT/REEL.
 - 2.2 10 PCS REEL/CARTON.
 - 2.3 14000 PCS PRODUCT/CARTON.
3. N.W.: xx KGS
4. G.W.: xx KGS

TOLERANCE		APPROVALS	DATE	TITLE USB 2.0 TYPE C 16 PIN RECEPTACLE R/A SINK SMT TYPE, CH=0.78mm			Amphenol® Amphenol Corporation Amphenol Taiwan Corporation		
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10		DRAWN Debby Hung	04/22/2021						
		CHECKED Sandy Wu	04/22/2021						
		APPROVED Roger Tsai	04/22/2021						
ANGULAR ±1°					UNIT mm	SIZE A3	PART No. GSB1C46X1DSHR		
UNLESS OTHERWISE SPECIFIED		DWG TYPE CUST DWG	PROJECT CODE OTHER		SCALE NA	SHEET 3 OF 3	DWG No. GSB1C46X1DSHR	REV. AX2	