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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.

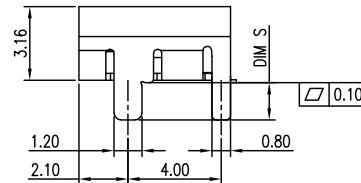
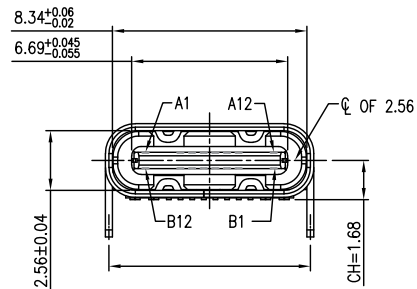
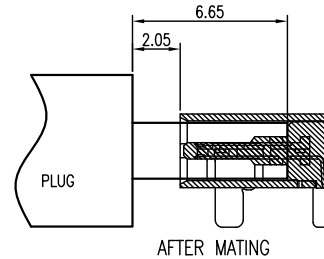
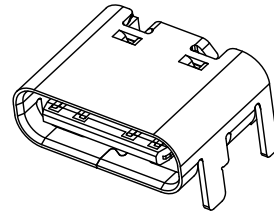
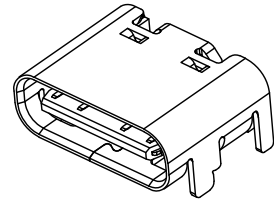
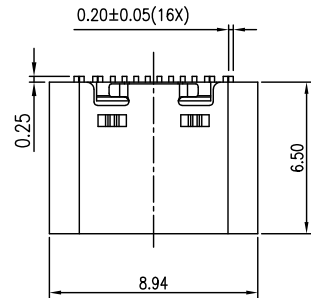
FOR REFERENCE ONLY



REVISIONS			
SYM	ECN No.	DESCRIPTION	DATE BY
AX1	EDSR#12671	NON-RELEASE REVISION	2022-11-22 Debby Hung
AX2	EDSR#12676	ADD 30u" GOLD OPTIONS	2022-11-25 Debby Hung
AX3	EDSR#12917	ADD 3u" GOLD/DIM S: 0.50mm OPTIONS, UPDATED LCP TO NYLON9T	2023-03-09 Aqua Chou

NOTES:

- MATERIAL:
HOUSING: THERMAL PLASTIC NYLON9T, 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 50 μ" THICKNESS MIN.OVERALL
SHELL:
NICKEL PLATING 50 μ" THICKNESS MIN. OVERALL.
- PRODUCT SPECIFICATION REFER TO : PS-XXXX.
- 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.



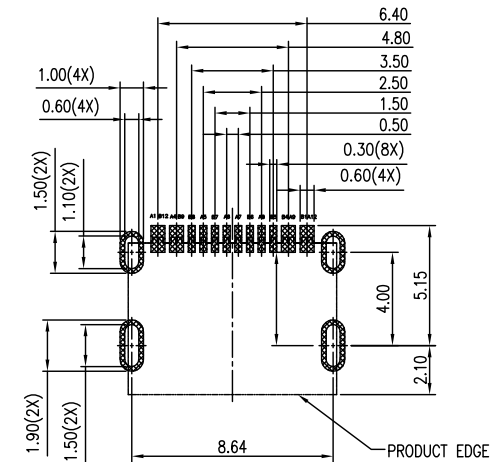
P/N : GSB1C41 X 1 X 1DS1HR

CONTACT FINISH
1: FLASH GOLD
2: 30u" GOLD
7: 3u" GOLD

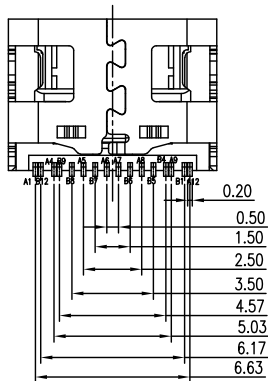
DIM S
0: 1.6mm
1: 0.5mm

USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND



RECOMMENDED PCB LAYOUT(TOP VIEW)
DEFAULT TOLERANCE:±0.05



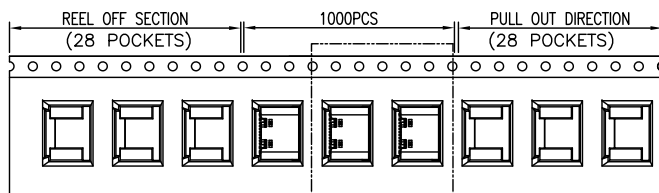
TOLERANCE		APPROVALS		DATE	TITLE			Amphenol® Amphenol Corporation Amphenol Taiwan Corporation		
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10		DRAWN Aqua Chou	2023-03-09	USB 2.0 TYPE C 16PIN RECEPTACLE R/A SMT TYPE CH=1.68mm						
		CHECKED Joseph Jiang	2023-03-09				UNIT mm	SIZE A3	PART No. GSB1C41X1X1DS1HR	
ANGULAR ±1°		APPROVED Roger Tsai	2023-03-09				SCALE NA	SHEET 1 OF 2	DWG No. GSB1C41X1X1DS1HR	
UNLESS OTHERWISE SPECIFIED		DWG TYPE CUST DWG	PROJECT CODE OTHER							

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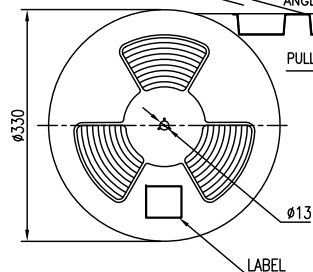


SEE DETAIL X—

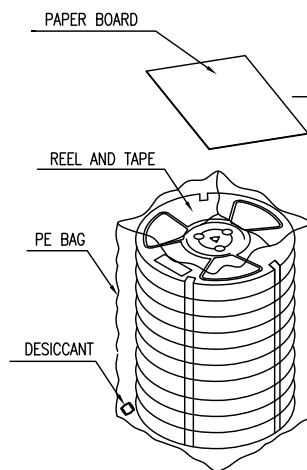
PEELING
DIRECTION
←

165°~180°

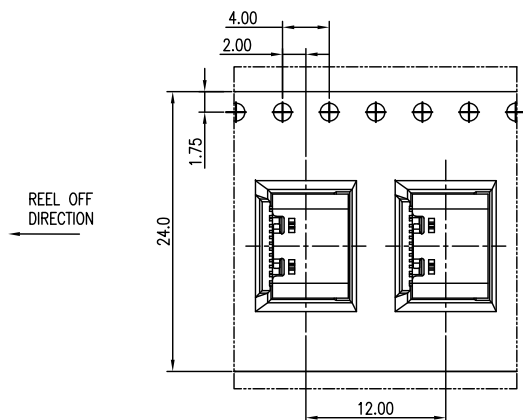
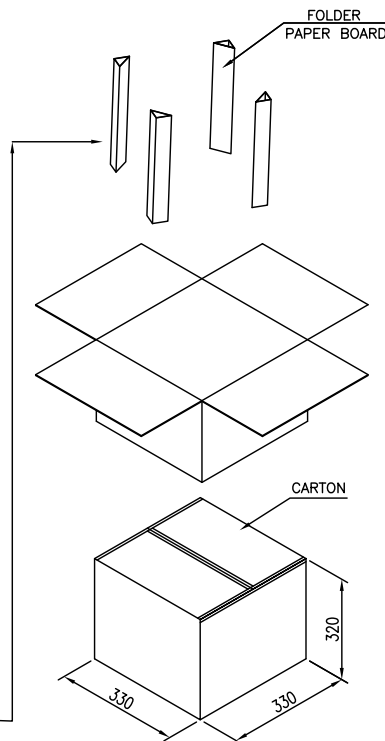
PULL OUT DIRECTION



24.5



PAPER BOARD



PULL OUT
DIRECTION

PACKAGING BY T&R	X.X	X.X	1000	10	10000	GSB1C41X1X1DS1HR
	G/W KG	N/W KG	PCS/ REEL	REELS/ BOX	QUANTITY (PCS)	PART NUMBER

TOLERANCE		APPROVALS		DATE		TITLE		Amphenol® Amphenol Corporation Amphenol Taiwan Corporation	
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10		DRAWN Aqua Chou		2023-03-09		USB 2.0 TYPE C 6PIN RECEPTACLE R/A SMT TYPE CH=1.68mm			
		CHECKED Joseph Jiang		2023-03-09					
		APPROVED Roger Tsai		2023-03-09					
ANGULAR ±1°						UNIT mm	SIZE A3	PART No. GSB1C41X1X1DSHR	
UNLESS OTHERWISE SPECIFIED		DWG TYPE CUST DWG		PROJECT CODE OTHER		SCALE NA	SHEET 2 OF 2	DWG No. GSB1C41X1X1DSHR	REV. AX3