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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
AX1	EDSR#12050	NON-RELEASE REVISION	2022-03-31
			BY
			Debby Hung

NOTES:

1. MATERIAL:

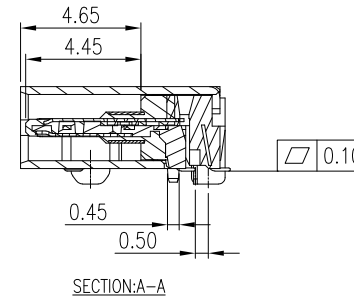
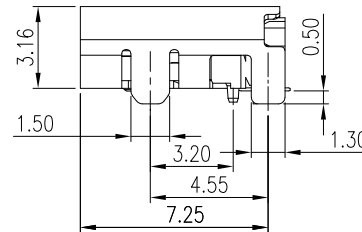
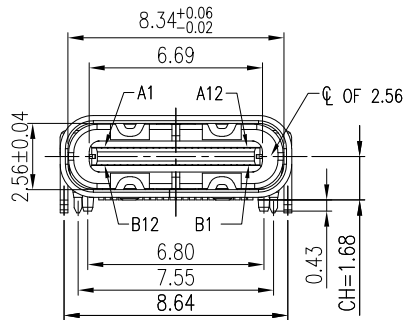
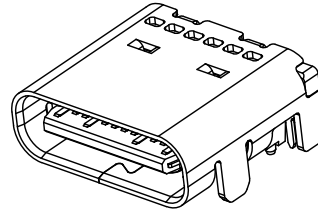
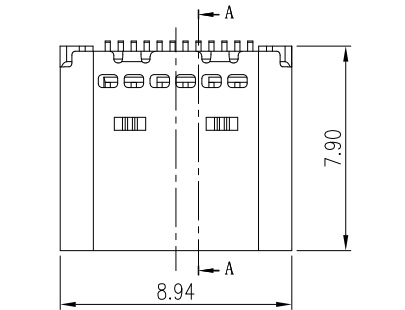
HOUSING: THERMOPLASTIC LCP UL94-V0, COLOR: BLACK
CONTACT TERMINAL: HIGH PERFORMANCE COPPER ALLOY.
MIDDLE PLATE: STAINLESS STEEL
SHELL: STAINLESS STEEL
EMI PLATE: STAINLESS STEEL.

2. FINISH:

CONTACT TERMINAL:
CONTACT AREA: SELECTIVE PLATING;
SOLDERING AREA: GOLD FLASH PLATING;;
UNDER PLATING: NICKEL PLATING 50 μ " THICKNESS MIN.OVERALL.
MIDDLE PLATE:
SOLDERING AREA: TIN PLATING 80 μ " THICKNESS MIN.
UNDER PLATING: NICKEL PLATING 30 μ " THICKNESS MIN.OVERALL.
SHELL:
NICKEL PLATING 30 μ " THICKNESS MIN.OVERALL.

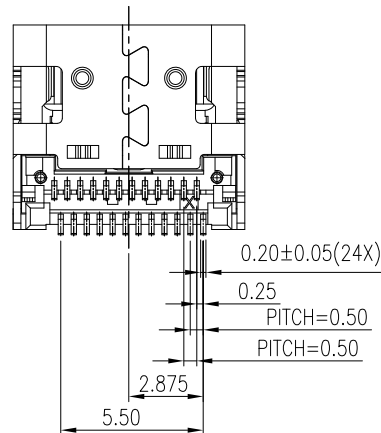
3. PRODUCT SPECIFICATION REFER TO : PS-7607

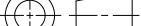
4. THIS PRODUCT DOESN'T CONTAIN ENVIRONMENTAL HAZARDOUS
PER DIRECTIVE 2011/65/EU & 2015/863/EU FOR RoHS COMPLIANT.
AND PER IEC 61249-2-21 FOR HALOGEN-FREE COMPLIANT.



P/N : GSB3C31 X 3DS1HR

CONTACT FINISH
1: GOLD FLASH
2: 15u" GOLD
3: 30u" GOLD



TOLERANCE		APPROVALS		DATE		TITLE		Amphenol® Amphenol Corporation Amphenol Taiwan Corporation							
X.X ±0.30 X.XX ±0.20 X.XXX ±0.10		DRAWN	Debby Hung	2022-03-31		USB 3.2 TYPE C RECEPTACLE									
		CHECKED	Sandy Wu	2022-03-31		R/A DOUBLE SMT TYPE									
		APPROVED	Roger Tsai	2022-03-31		W/POST (CH=1.68H)									
ANGULAR ±1°								UNIT	mm	SIZE	A3	PART No.	GSB3C31X3DS1HR		
UNLESS OTHERWISE SPECIFIED		DWG TYPE CUST DWG		PROJECT CODE OTHER				SCALE	NA	SHEET	1 OF 3	DWG No.	GSB3C31X3DS1HR	REV.	AX1

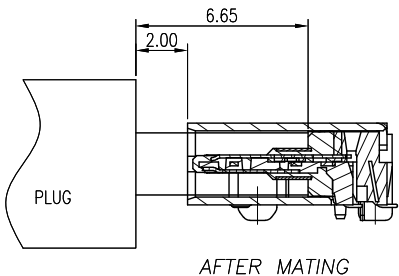
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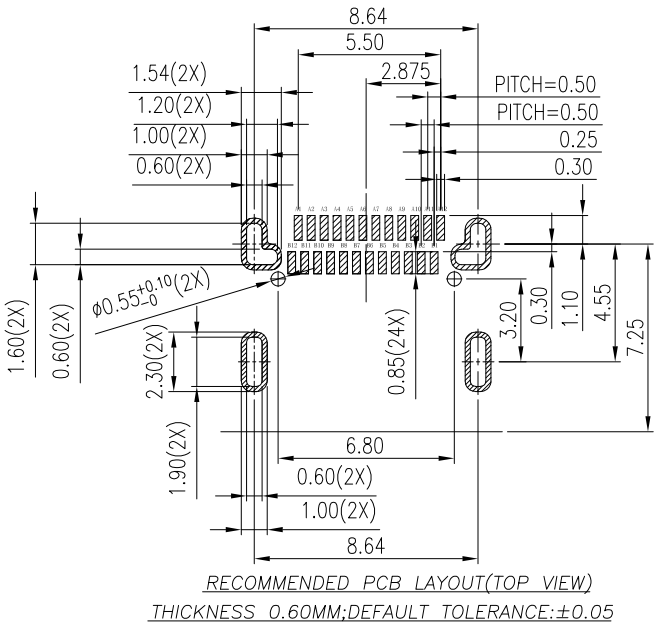


REVISIONS			
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		BY	Debby Hung



USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	SSTXp1	B11	SSRXp1
A3	SSTXn1	B10	SSRXn1
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	SSRXn2	B3	SSTXn2
A11	SSRXp2	B2	SSTXp2
A12	GND	B1	GND



TOLERANCE		APPROVALS		DATE	TITLE			Amphenol® Amphenol Corporation Amphenol Taiwan Corporation						
X.X	±0.30	DRAWN	Debby Hung	2022-03-31	USB 3.2 TYPE C RECEPTACLE R/A DOUBLE SMT TYPE W/POST (CH=1.68H)									
X.XX	±0.20	CHECKED	Sandy Wu	2022-03-31										
X.XXX	±0.10	APPROVED	Roger Tsai	2022-03-31										
ANGULAR	±1°	CUST DWG		PROJECT CODE OTHER				UNIT	mm	SIZE	A3	PART No.	GSB3C31X3DS1HR	
UNLESS OTHERWISE SPECIFIED								SCALE	NA	SHEET	2 OF 3	DWG No.	GSB3C31X3DS1HR	
												REV.	AX1	

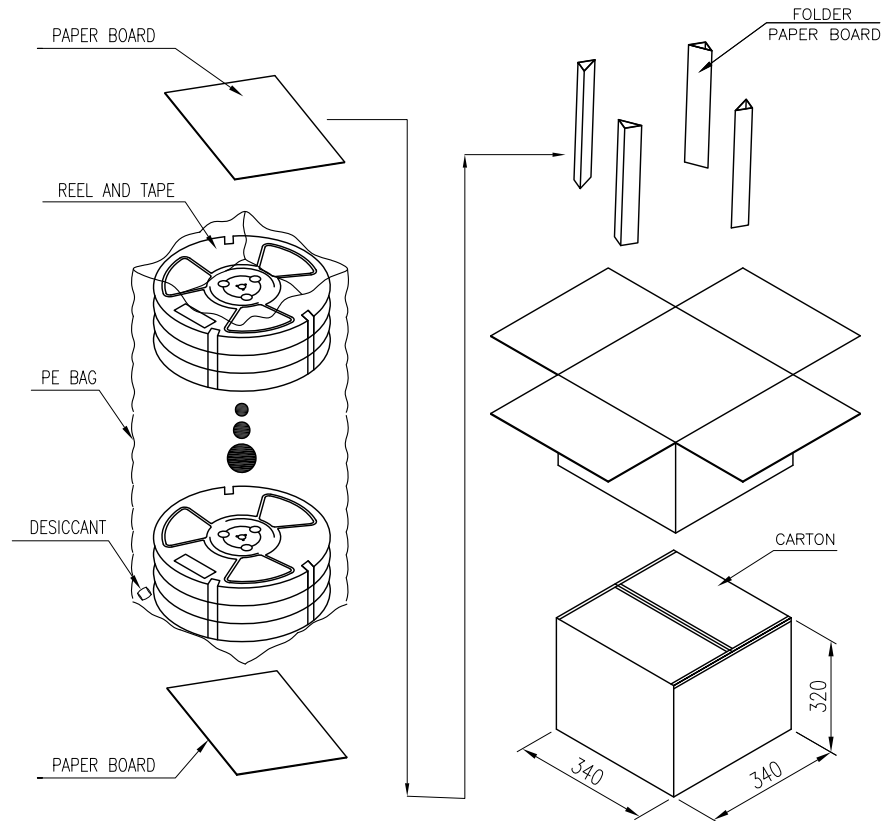
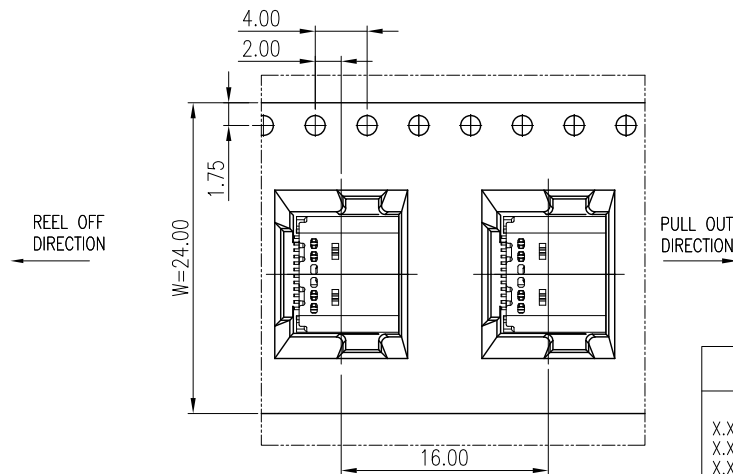
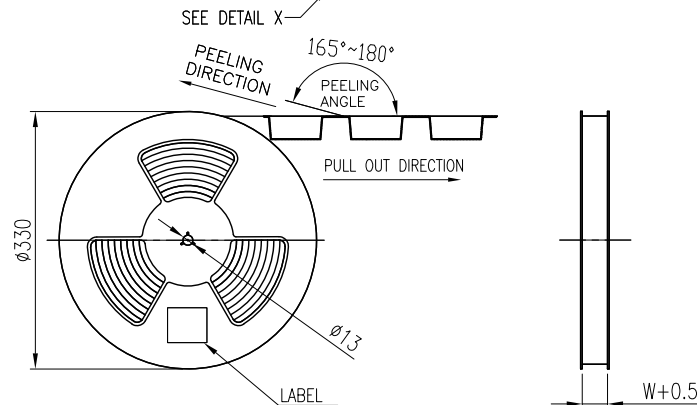
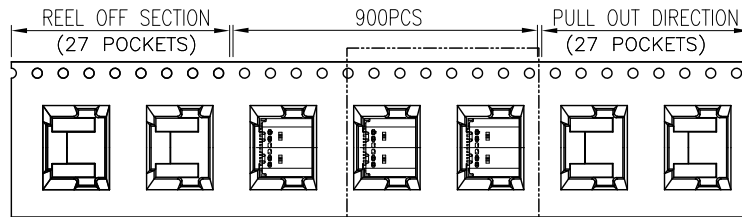
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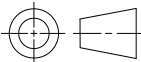
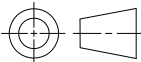
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AX1	EDSR#12050	NON-RELEASE REVISION	2022-03-31
			BY
			Debby Hung



SECTION →

		PACKAGING BY T&R		X.X	X.X	900	10	9000	GSB3C31X3DS1HR		
				G/W KG	N/W KG	PCS/ REEL	REELS/ BOX	QUANTITY (PCS)	PART NUMBER		
TOLERANCE		APPROVALS		DATE		TITLE USB 3.2 TYPE C RECEPTACLE R/A DOUBLE SMT TYPE W/POST (CH=1.68H)			Amphenol ® Amphenol Corporation Amphenol Taiwan Corporation		
X.X ±0.30		DRAWN Debby Hung		2022-03-31							
X.XX ±0.20		CHECKED Sandy Wu		2022-03-31							
X.XXX ±0.10		APPROVED Roger Tsai		2022-03-31							
ANGULAR ±1°								UNIT mm	SIZE A3	PART No. GSB3C31X3DS1HR	
UNLESS OTHERWISE SPECIFIED		DWG TYPE CUST DWG		PROJECT CODE OTHER				SCALE NA	SHEET 3 OF 3	DWG No. GSB3C31X3DS1HR	REV. AX1

Amphenol®

Amphenol Corporation
Amphenol Taiwan Corporation