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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#12395	NON-RELEASE REVISION	2022-08-05 Debby Hung

NOTES:

1. MATERIAL:

HOUSING: THERMOPLASTIC LCP UL94-V0, COLOR: BLACK

CONTACT TERMINAL: 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 PLATEL:

SOLDERING AREA: TIN PLATING 80 μ " THICKNESS MIN.

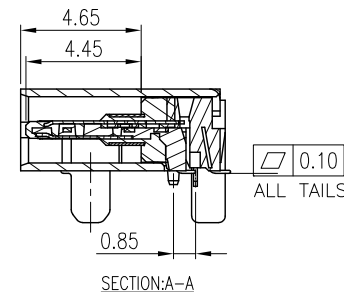
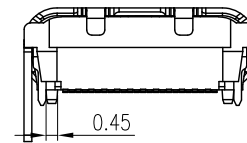
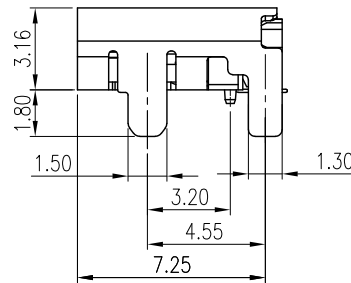
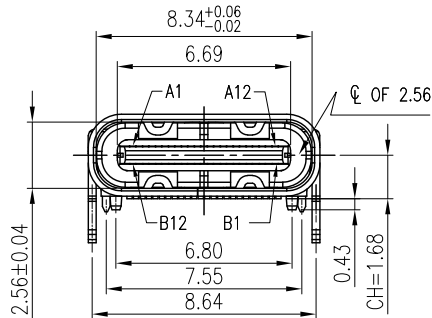
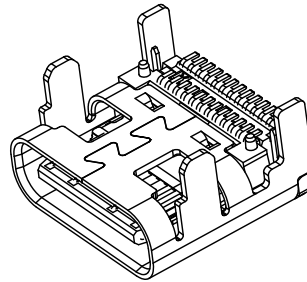
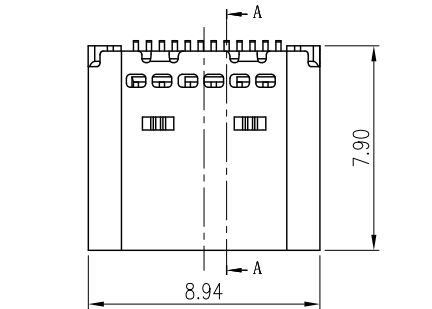
UNDER PLATING: NICKEL PLATING 30 μ " THICKNESS MIN.OVERALL.

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.



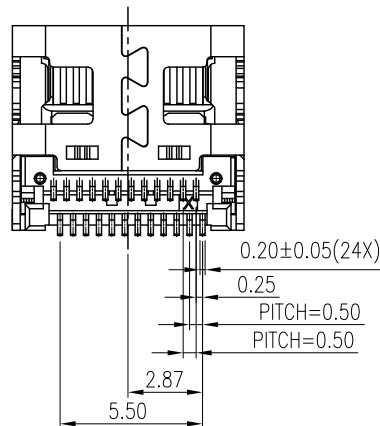
P/N : GSB3C31 X 3DS2HR

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	2022-08-05	USB 3.2 TYPE C RECEPTACLE R/A DOUBLE SMT TYPE W/POST (CH=1.68H)						
		CHECKED Joseph Jiang	2022-08-05							
ANGULAR ±1°		APPROVED Roger Tsai	2022-08-05							
UNLESS OTHERWISE SPECIFIED		DWG TYPE CUST DWG	PROJECT CODE OTHER		UNIT mm	SIZE A3	PART No. GSB3C31X3DS2HR			
					SCALE NA	SHEET 1 OF 3	DWG No. GSB3C31X3DS2HR	REV. AX1		

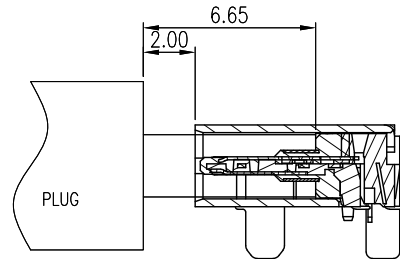
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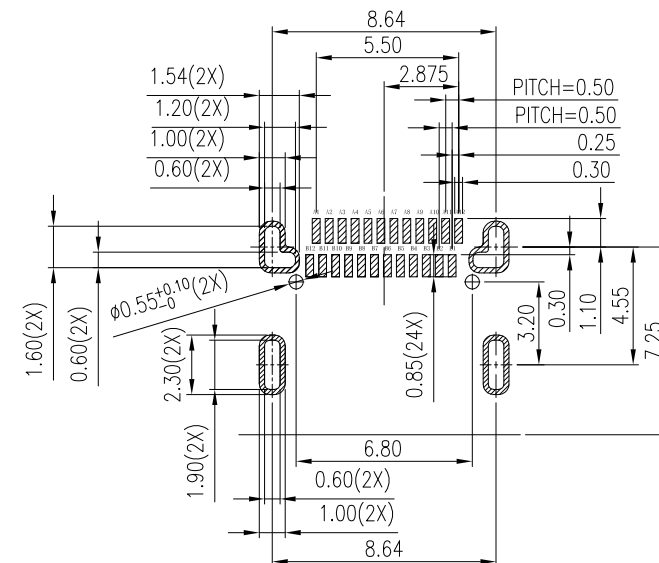
REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	BY
AX1	EDSR#12395	NON-RELEASE REVISION	2022-08-05	Debby Hung



AFTER MATING

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



RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 0.60MM;DEFAULT TOLERANCE:±0.05

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	2022-08-05	USB 3.2 TYPE C RECEPTACLE R/A DOUBLE SMT TYPE W/POST (CH=1.68H)								
	CHECKED	Joseph Jiang	2022-08-05									
	APPROVED	Roger Tsai	2022-08-05									
ANGULAR ±1°						UNIT	mm	SIZE	A3	PART No. GSB3C31X3DS2HR		
UNLESS OTHERWISE SPECIFIED		DWG TYPE CUST DWG		PROJECT CODE OTHER			SCALE	NA	SHEET	2 OF 3	DWG No. GSB3C31X3DS2HR	REV. AX1

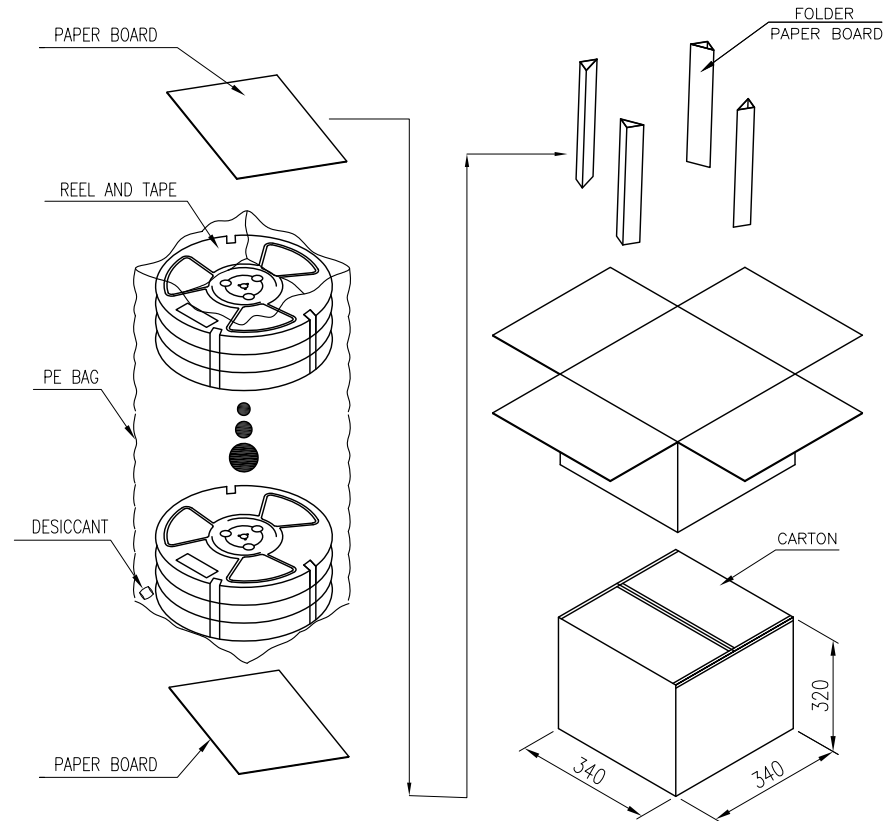
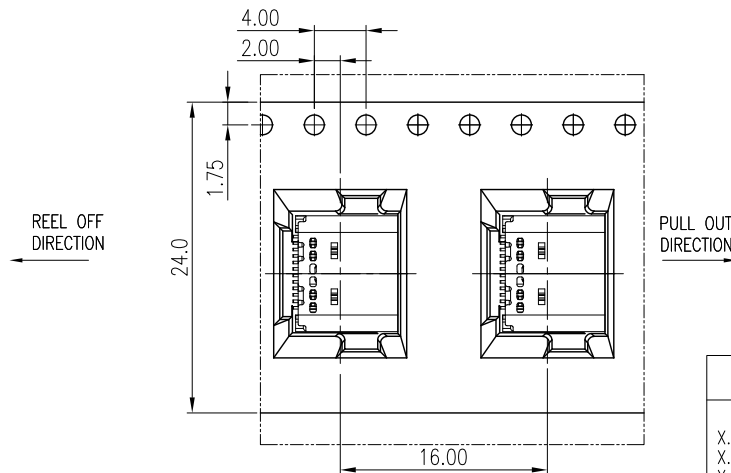
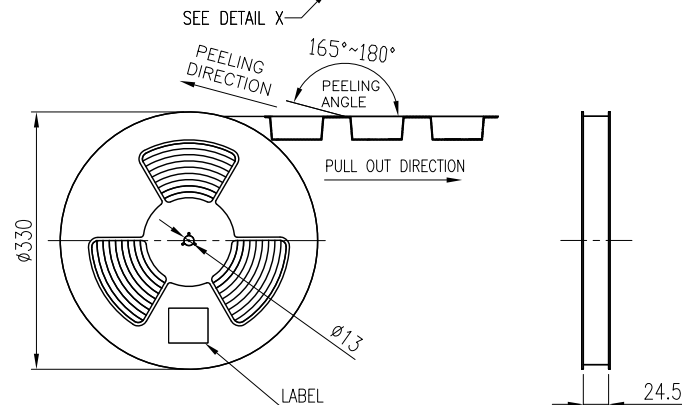
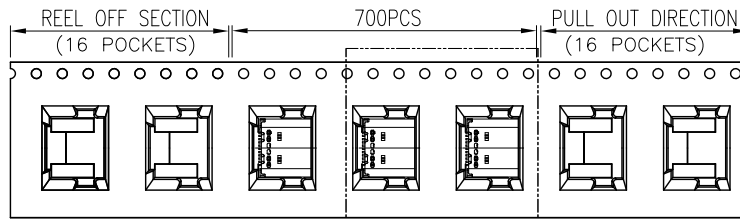
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		BY	Debby Hung



PACKAGING BY T&R	X.X	X.X	700	10	7000	GSB3C31X3DS2HR
	G/W KG	N/W KG	PCS/ REEL	REELS/ BOX	QUANTITY (PCS)	PART NUMBER

TOLERANCE		APPROVALS		DATE		TITLE		Amphenol®	
X.X ±0.30		DRAWN Debby Hung		2022-08-05		USB 3.2 TYPE C RECEPTACLE		Amphenol Corporation	
X.XX ±0.20		CHECKED Joseph Jiang		2022-08-05		R/A DOUBLE SMT TYPE		Amphenol Taiwan Corporation	
X.XXX ±0.10		APPROVED Roger Tsai		2022-08-05		W/POST (CH=1.68H)			
ANGULAR ±1°		DWG TYPE CUST DWG		PROJECT CODE OTHER		UNIT mm		PART No. GSB3C31X3DS2HR	
UNLESS OTHERWISE SPECIFIED						SCALE NA		SHEET 3 OF 3	
								DWG No. GSB3C31X3DS2HR	
								REV. AX1	