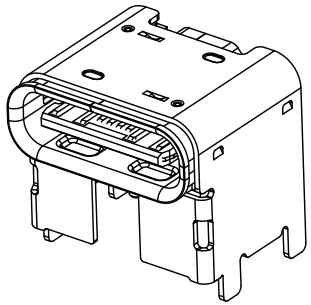
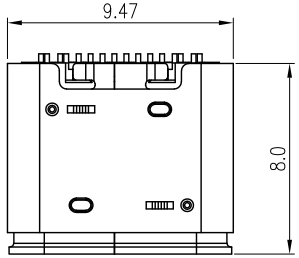
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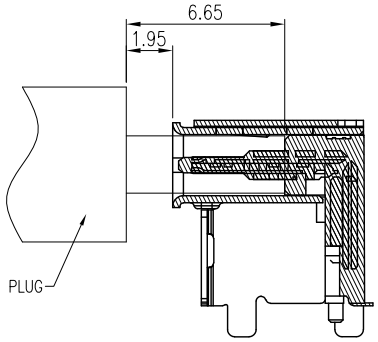
The marking on thisproduct doesn't contain environmental hazardous materials per directive 2011/65/EU & 2015/863/EU for RoHS compliant and per IEC 61249-2-21 for Halogen-Free compliant.

FOR REFERENCE ONLY

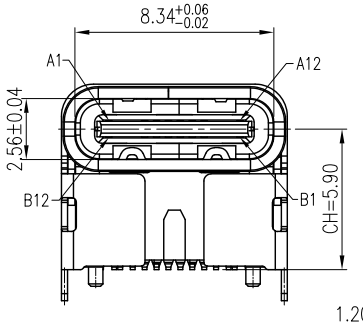
REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	BY
AX1	EDSR#12688	NON-RELEASE REVISION	2022-12-06	Debby Hung

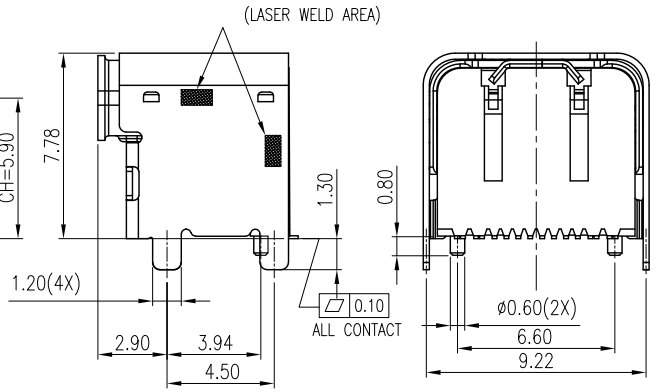


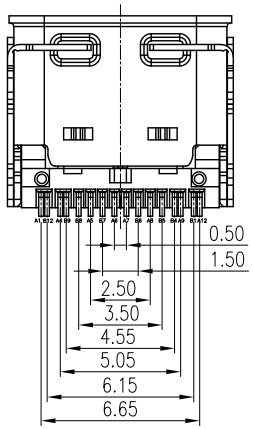




AFTER MATING



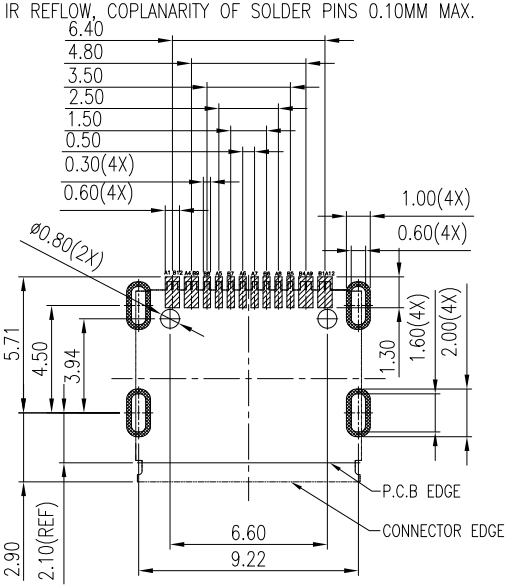




P/N : GSB1C4K X 1DVHR

CONTACT FINISH
1: GOLD FLASH

NOTES:
1. MATERIAL:
   HOUSING: PLASTIC LCP UL94-V0, COLOR: BLACK
   TERMINAL: COPPER ALLOY.
   MID PLATE: STAINLESS STEEL
   FRONT SHELL: STAINLESS STEEL
   TOP SHELL: STAINLESS STEEL
2. FINISH:
   TERMINAL:
   CONTACT AREA: SELECTIVE PLATING;
   SOLDERING AREA: GOLD FLASH PLATING. ;
   UNDER PLATING: NICKEL PLATING 50u" THICKNESS MIN. OVERALL.
   FRONT AND TOP SHELL:
   SOLDERABLE NICKEL PLATING 30u" MIN OVER ALL.
3. 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.
4. BEFORE IR REFLOW, COPLANARITY OF SOLDER PINS 0.10MM MAX.



RECOMMENDED P.C.B. LAYOUT
TOLERANCE UNSPECIFIED ±0.05mm

USB TYPE-C PIN ASSIGNMENTS

PIN NO.	SIGNAL NAME	PIN NO.	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

TOLERANCE	APPROVALS	DATE
X. ±0.30 X.X ±0.20 X.XXX ±0.10 ANGULAR ±1° UNLESS OTHERWISE SPECIFIED	DRAWN Debby Hung	2022-12-06
	CHECKED Joseph Jiang	2022-12-06
	APPROVED Roger Tsai	2022-12-06
	DWG TYPE CUST DWG	PROJECT CODE OTHER

TITLE: USB 2.0 TYPE C 16 PIN RECEPTACLE R/A HIGH-RISE SMT TYPE, CH=5.90mm

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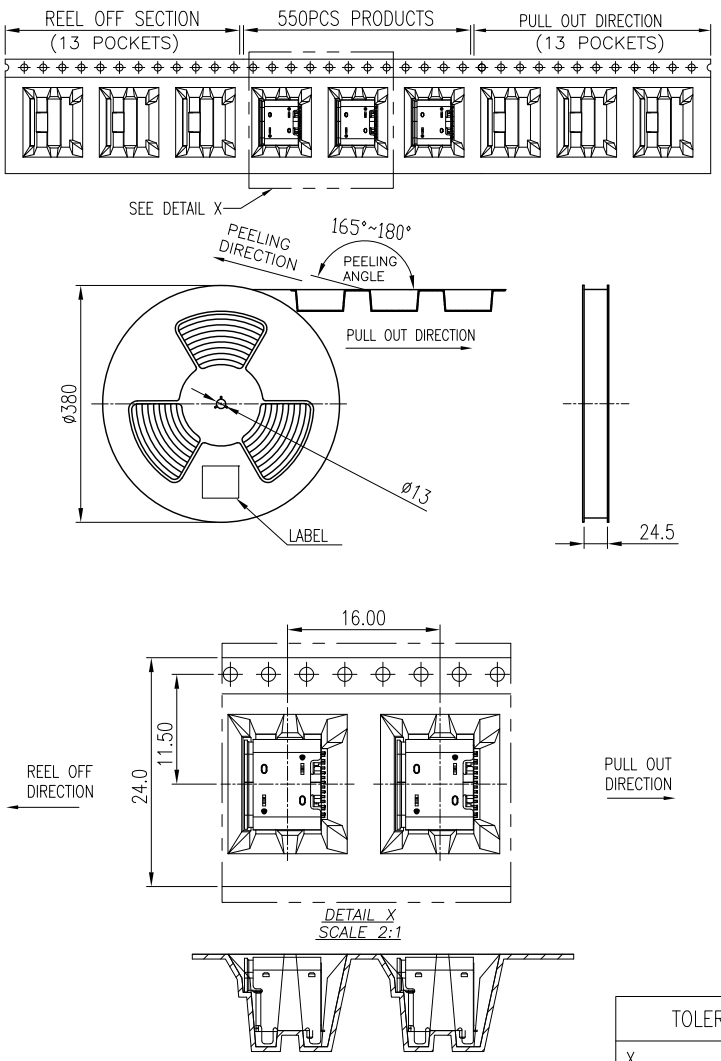
UNIT	SIZE	PART No.	REV.
mm	A3	GSB1C4KX1DSHR	
SCALE NA	SHEET 1 OF 2	DWG No. GSB1C4KX1DSHR	AX1

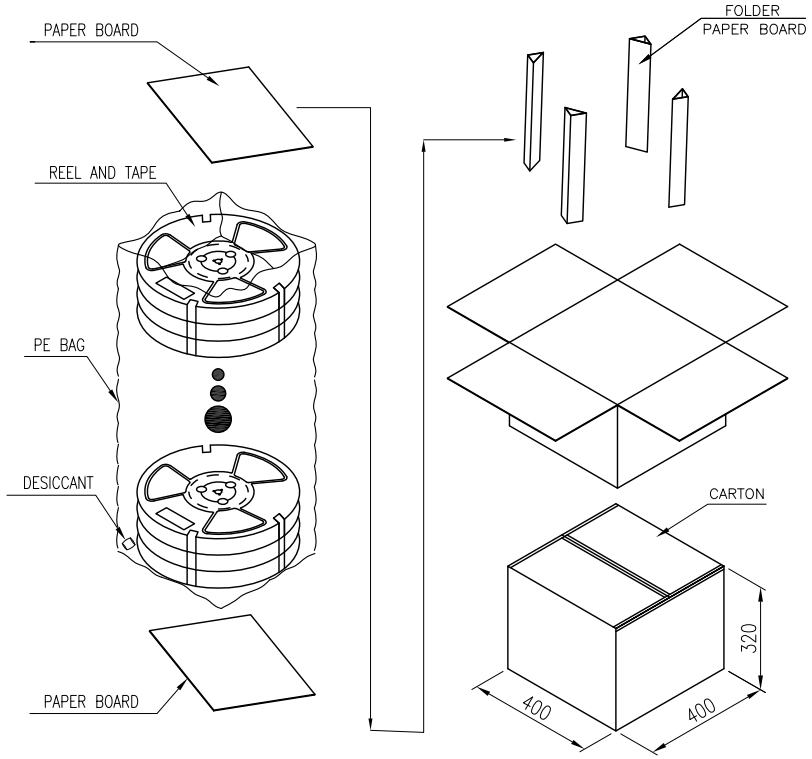
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FOR REFERENCE ONLY

REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	BY
AX1	EDSR#12688	NON-RELEASE REVISION	2022-12-06	Debby Hung





PACKAGING BY T&R	X.X G/W KG	X.X N/W KG	550 PCS/ REEL	10 REELS/ BOX	5500 QUANTITY (PCS)	GSB1C4KX1DSHR PART NUMBER

TOLERANCE	APPROVALS	DATE
X. ±0.30 X.X ±0.20 X.XXX ±0.10 ANGULAR ±1° UNLESS OTHERWISE SPECIFIED	DRAWN Debby Hung	2022-12-06
	CHECKED Joseph Jiang	2022-12-06
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TITLE: USB 2.0 TYPE C 16 PIN RECEPTACLE R/A HIGH-RISE SMT TYPE, CH=5.90mm

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Amphenol Taiwan Corporation

UNIT	SIZE	PART No.	REV.
mm	A3	GSB1C4KX1DSHR	
SCALE NA	SHEET 2 OF 2	DWG No. GSB1C4KX1DSHR	AX1