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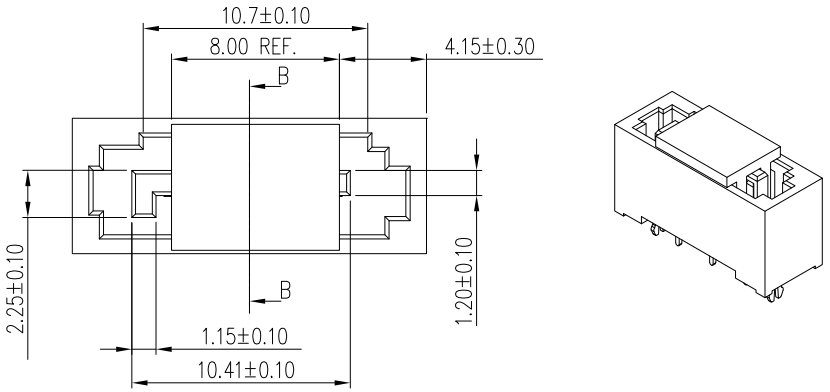
The marking on thisproduct doesn't contain environmental hazardous materials per directive 2011/65/EU & 2015/863/EU for RoHS compliant.

Amphenol Taiwan RoHS2 Compliant 2011/65/EU & 2015/863/EU

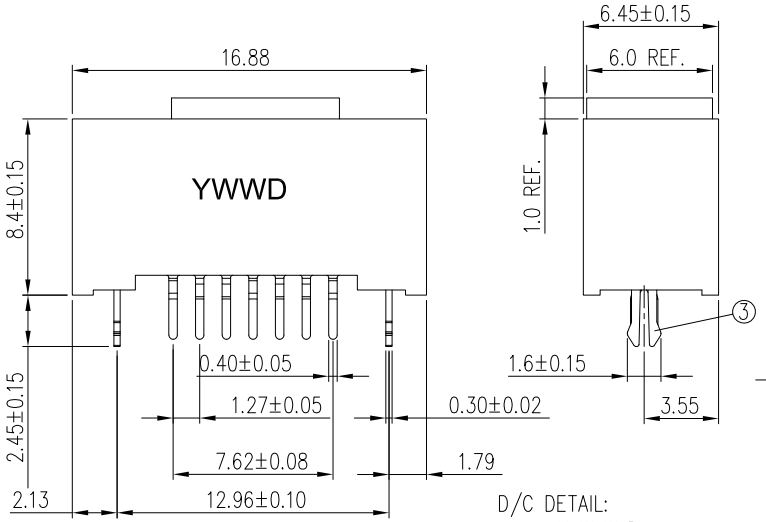
ORIGINAL

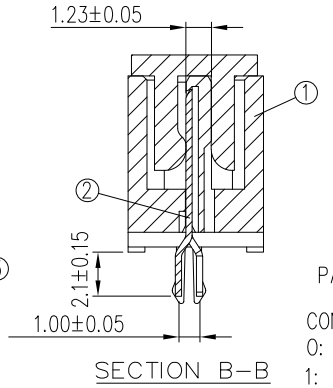
ISSUED BY AMPHENOL TAIWAN PDF Format D.C.

REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	BY
C	NE-13001	MODIFY CARRIER	01/03/2013	Arron Lin
D	NE-15170	ADD BOTTOM VIEW, ADD DIM	12/09/2015	Arron Lin
E	NE-17013	ADD HOUSING COLOR YELLOW AND RED	02/03/2017	Arron Lin
F	NE-18144	MODIFY DIM FROM 4.73 to 4.15MM	07/13/2018	Roger Tsai
A1	NE-19055	ENHANCEMENT T&R FOR DEFENSIVE.	03/29/2019	Roger Tsai
B1	NE-20128	REDEFINE T/R INTER SPACE, ADD PE BAG,VACUUMED	09/07/2020	Roger Tsai
C1	NE-22138	UPDATE G/W AND N/W	2022-08-03	Debby Hung



NOTES:
1. MATERIAL:
   HOUSING: HIGH TEMPERATURE THERMAL PLASTIC, LCP OR PA6T, UL94V-0, COLOR: OPTION.
   TERMINAL: COPPER ALLOY.
   BOARDLOCK: COPPER ALLOY.
2. FINISH:
   TERMINAL:
   CONTACT AREA: SELECTED GOLD PLATING;
   SOLDERING AREA: MATTE TIN PLATING 100 μ" THICKNESS MIN.;
   UNDER PLATING: NICKEL PLATING 50 μ" THICKNESS MIN. OVERALL.
   BOARDLOCK:
   SOLDERING AREA: MATTE TIN PLATING 100 μ" THICKNESS MIN.;
   UNDER PLATING: NICKEL PLATING 50 μ" THICKNESS MIN. OVERALL.
3. THIS PRODUCT DOESN'T CONTAIN ENVIRONMENTAL HAZARDOUS PER DIRECTIVE 2011/65/EU & 2015/863/EU FOR RoHS COMPLIANT.
4. PRODUCT SPECIFICATION REFER TO : PS-7322.



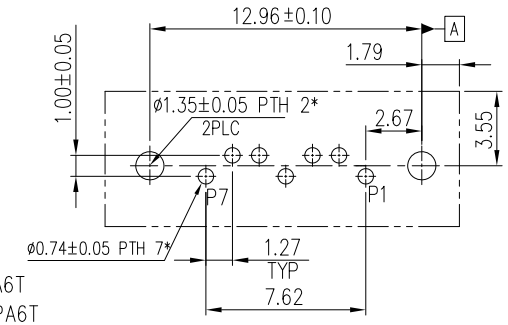


SECTION B-B

PART NO. G16ADX21XK1EU

CONTACT FINISH
0: GOLD FLASH
1: 15 μ" GOLD
2: 30 μ" GOLD

COLOR
0: BLACK: LCP
6: RED(185C): PA6T
N: BLUE(659C): PA6T
W: YELLOW(1365C): PA6T



RECOMMEND PCB LAYOUT
PCB TOLERANCE: ±0.05

D/C DETAIL:
Y W W D
YEAR
DAY
WEEK

ITEM	NAME	MATERIAL	FINISH
③	HOOK	BRASS	MATTE TIN
②	TERMINAL	BRASS	OPTION
①	HOUSING	LCP OR PA6T	OPTION

TOLERANCE	APPROVALS	DATE
X.X ±0.30 X.XX ±0.20 X.XXX ±0.10 ANGULAR ±1° UNLESS OTHERWISE SPECIFIED	DRAWN Debby Hung	2022-08-03
	CHECKED Joseph Jiang	2022-08-03
	APPROVED Roger Tsai	2022-08-03
	DWG TYPE CUST DWG	PROJECT CODE SKT

TITLE: SATA CONNECTOR 7 POS, 1.27 PITCH VERTICAL, DIP TYPE

Amphenol®
Amphenol Corporation
Amphenol Taiwan Corporation

UNIT mm | SIZE A3 | SCALE NA | SHEET 1 OF 2

PART No. G16ADX21XK1EU

DWG No. G16ADX21XK1EU | REV. C1

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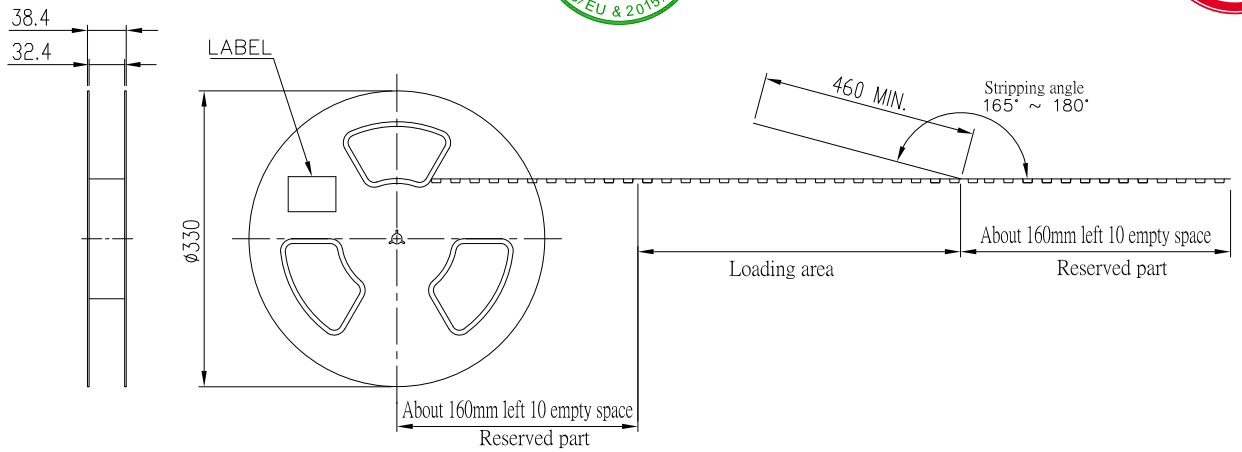
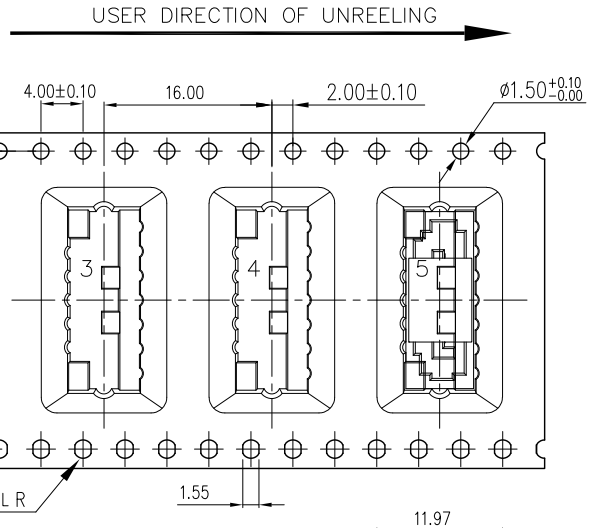
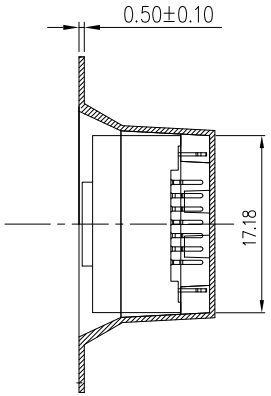
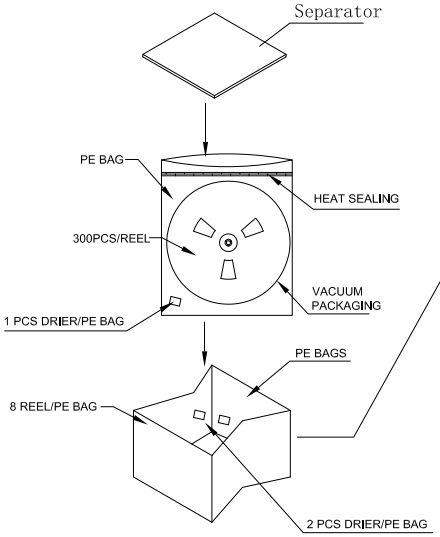
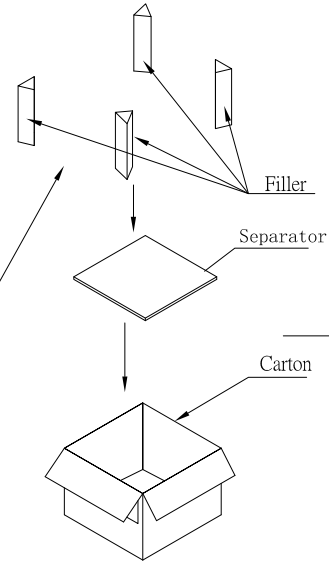
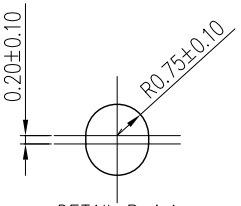




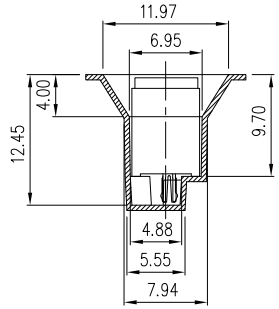








DETAIL R 4:1



300	8	2400	6.63 KG	2.77 KG
PCS/ TAPE	REELS/ BOX	PCS/BOX	GROSS WEIGHT	NET WEIGHT

TOLERANCE	APPROVALS	DATE
X.X ±0.30 X.XX ±0.20 X.XXX ±0.10 ANGULAR ±1° UNLESS OTHERWISE SPECIFIED	DRAWN Debby Hung	2022-08-03
	CHECKED Joseph Jiang	2022-08-03
	APPROVED Roger Tsai	2022-08-03
	DWG TYPE CUST DWG	PROJECT CODE SKT

TITLE: SATA CONNECTOR
7 POS, 1.27 PITCH
VERTICAL, DIP TYPE

Amphenol®
Amphenol Corporation
Amphenol Taiwan Corporation

UNIT	SIZE	PART No.	
mm	A3	G16ADX21XK1EU	
SCALE	SHEET	DWG No.	REV.
NA	2 OF 2	G16ADX21XK1EU	C1