

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

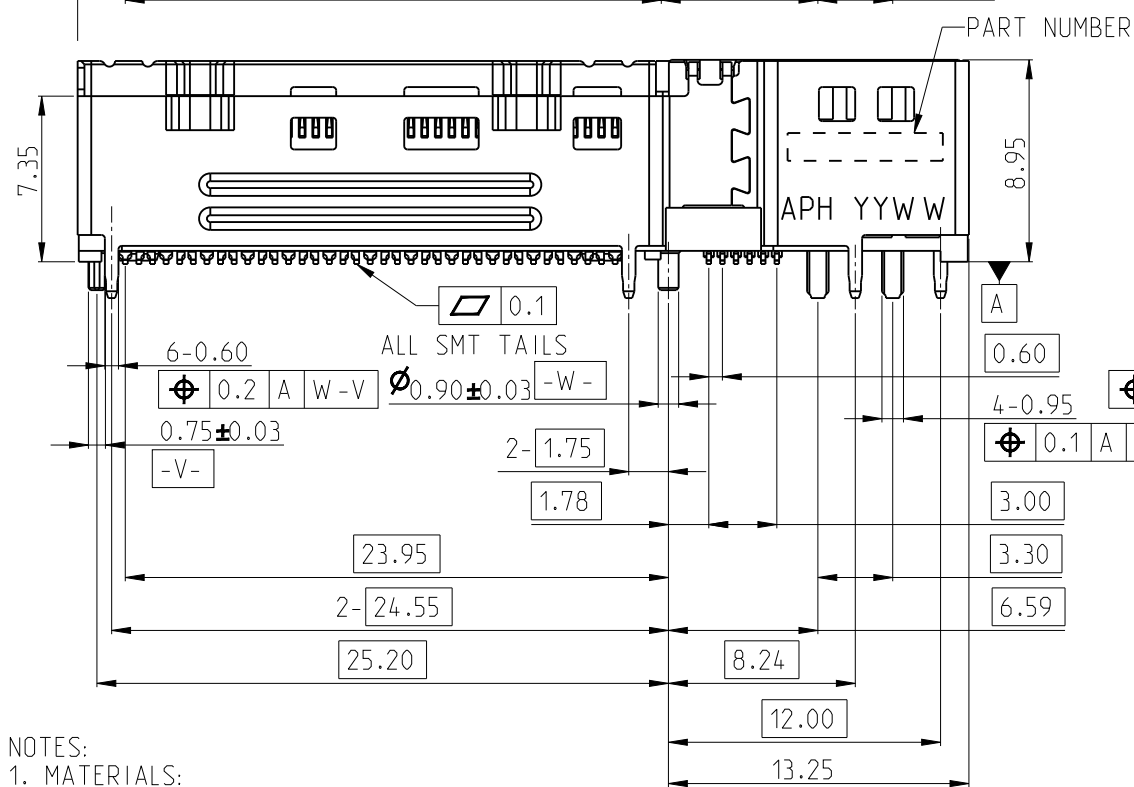
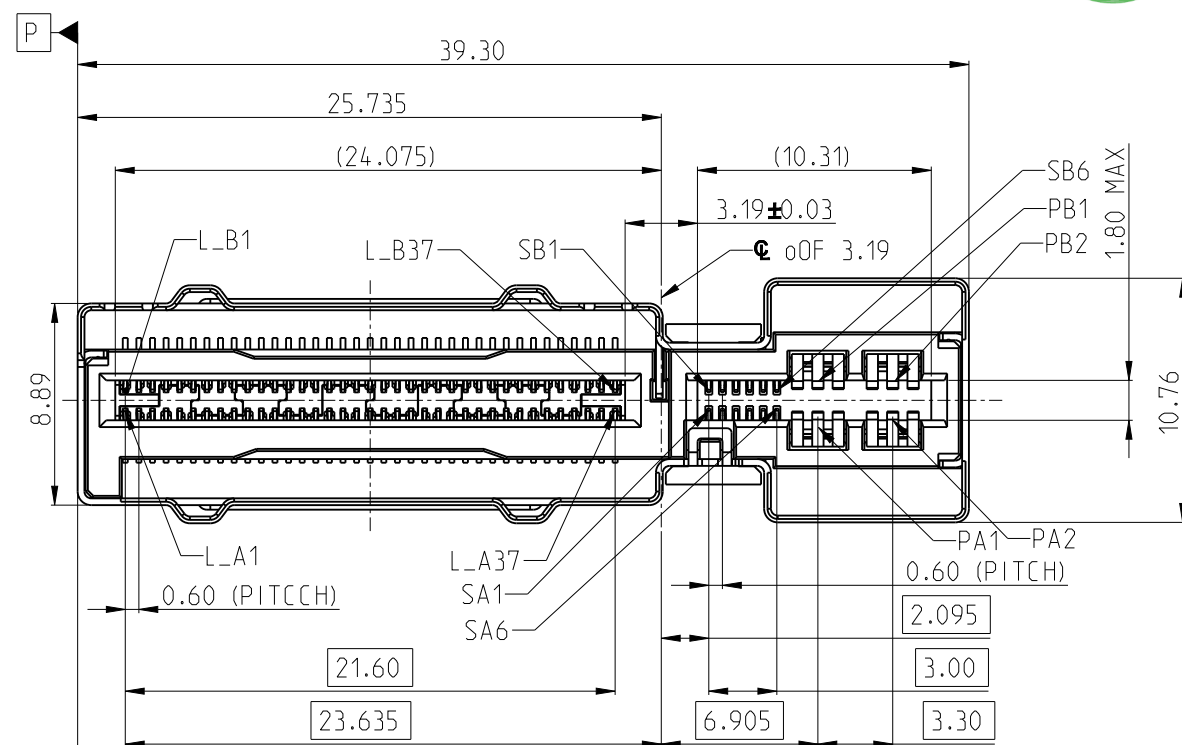


Diagram illustrating the pinout and attributes for a 37-pin connector. The pins are labeled G03, V, 4, 3, X, X, X, X, and HR.

Attributes and their corresponding pin connections:

- MULTI-TRAK CONNECTOR:** G03
- VERTICAL TYPE:** V
- CONNECTOR SPEED:** 4
- 4: PCIE GEN 6**
- CHANNEL:** 3
- COMPLIANT CODE:** HR
- HR: HALOGEN-FREE & RoHS**
- VARIATION CODE:** X
- BLANK: STANDARD**
- PACKING CODE:** X
- 2: TAPE AND REEL(WITH CAP)**
- DIP PIN LENGTH OPTION(DIM.A):** X
- 1: 1.50mm**
- 2: 2.20mm**
- 3: 3.00mm**
- 4: 4.20mm**
- CONTACT FINISH:** X
- 3: 30u" GOLD**

3	L_B1~L_B37	SB1~SB6, PB1~PB2
	L_A1~L_A37	SA1~SA6, PA1~PA2
	8X+20 SB	12 SB+POWER



NOTES:

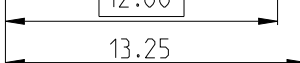
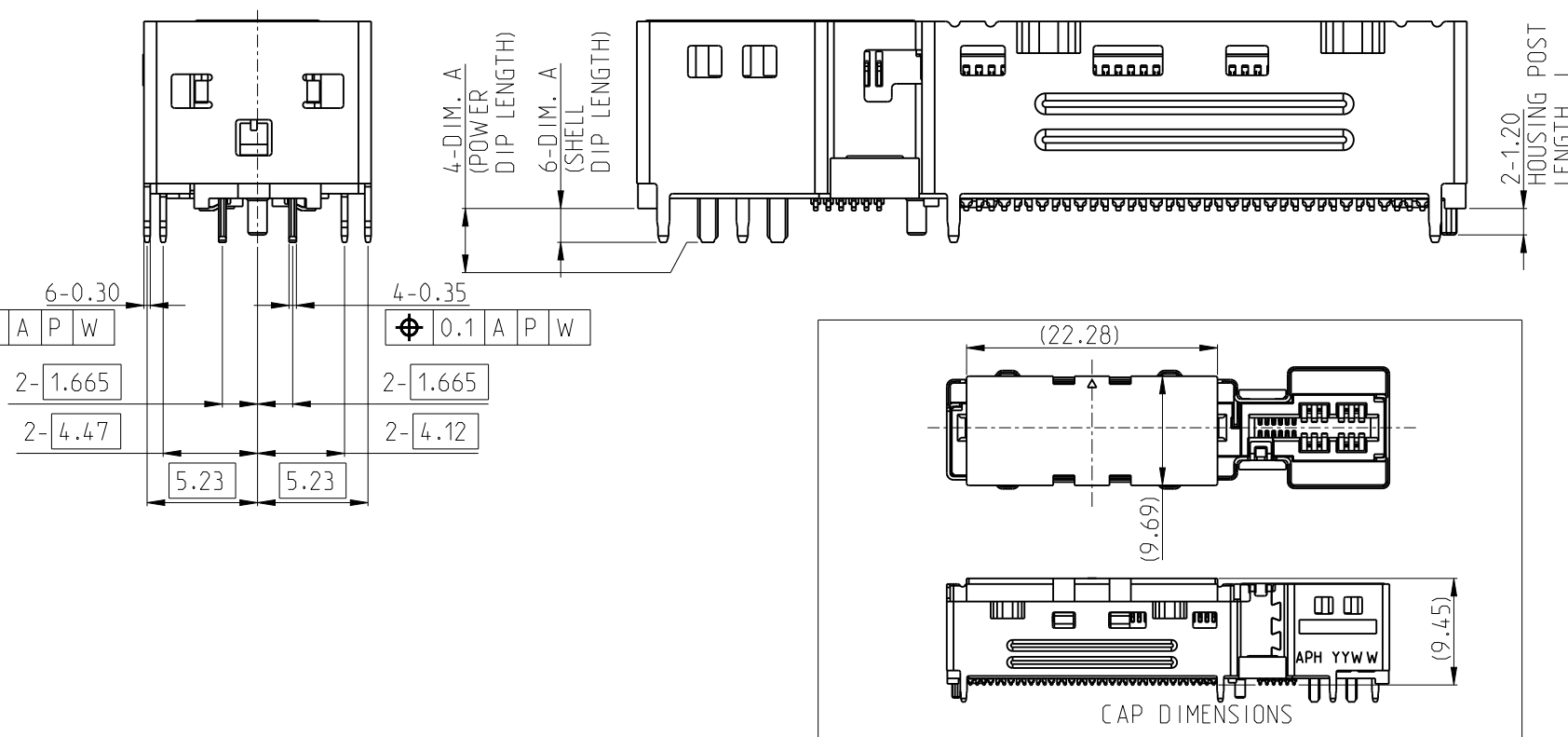
1. MATERIALS:
PLASTICS : HIGH TEMPERATURE THERMOPLASTIC UL94V-0,COLOR: BLACK
SHELL : STAINLESS
CONTACT: COPPER ALLOY

2: FINISH
TERMINAL : CONTACT AREA : SELECTED GOLD PLATING.
SOLDER AREA : MATTE TIN PLATING 100u"
UNDER PLATING: NICKEL PLATING 50u" MIN OVER ALL
SHELL : UNDER PLATING: ELECTROLESS NICKEL PLATING 50u" MIN OVER ALL

3.THIS PRODUCT DOESN'T CONTAIN ENVIROMENTAL HAZARDOUS MATERIALS PER
DERCTIVE 2011/65/EU & 2015/863/EU FOR RoHS AND PER IEC 61249-2-21 FOR
HALOGEN FREE.

4.PRODUCT SPEC REFER TO PS-07846.

5.GROUND PINS ARE CONNECTED.

A technical drawing of a rectangular component. The top edge is labeled with a dimension of 12.00. The bottom edge is labeled with a dimension of 13.25. The drawing uses standard engineering notation with arrows indicating the extent of the dimensions.

TOLERANCE		DRAWN APPROVALS	DATE	TITLE		Amphenol®	
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10 ANGULAR ±2°		DESIGNED JOAN LU	2024-08-07	MULTI-TRAK™ CONNECTOR VERTICAL, SMT TYPE 		Amphenol Corporation Amphenol Taiwan Corporation	
		CHECKED Sondra Sang	2024-08-09			PART No. G03V43XXXHR	
		APPROVED Hank Hsu	2024-08-09			UNIT mm SIZE A3	
UNLESS OTHERWISE SPECIFIED		DWG TYPE CUST DWG	PROJECT CODE T765	SCALE NA	SHEET 1 OF 5	DWG No. G03V43XXXHR	REV. AX1

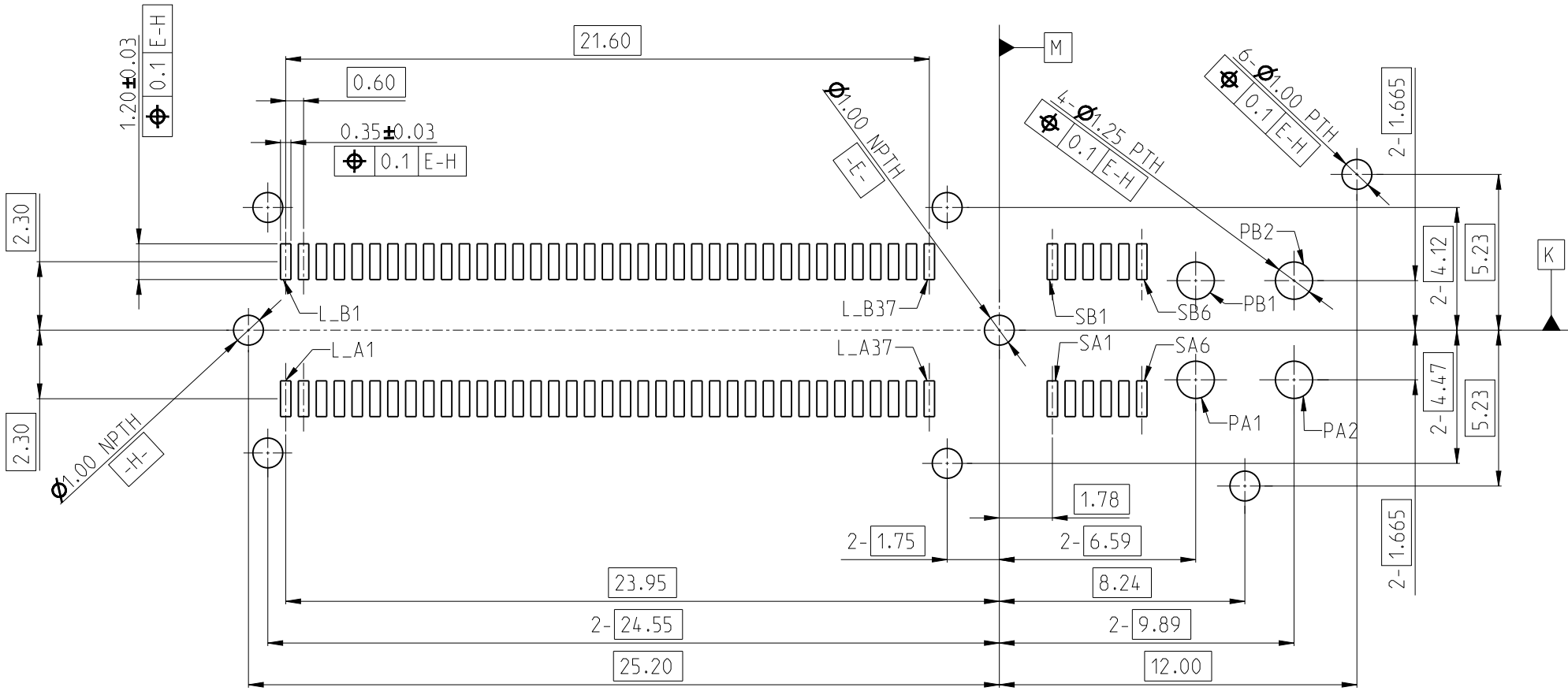
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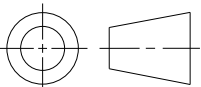
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REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	BY
AX1	NA	INITIAL REVISION	2024-08-07	JOAN LU

RECOMMENDED PCB LAYOUT
(GENERAL TOLERANCES :+/-0.05)



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X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10 ANGULAR ±2° UNLESS OTHERWISE SPECIFIED		DESIGNED	JOAN LU	2024-08-07							MULTI-TRAK™ CONNECTOR		
		CHECKED	Sondra Sang	2024-08-09	VERTICAL, SMT TYPE								
		APPROVED	Hank Hsu	2024-08-09									
		DWG TYPE	CUST DWG	PROJECT CODE	T765	UNIT	mm	SIZE	A3	PART No.	G03V43XXXHR		
						SCALE	NA	SHEET	2 OF 5	DWG No.	G03V43XXXHR	REV.	AX1

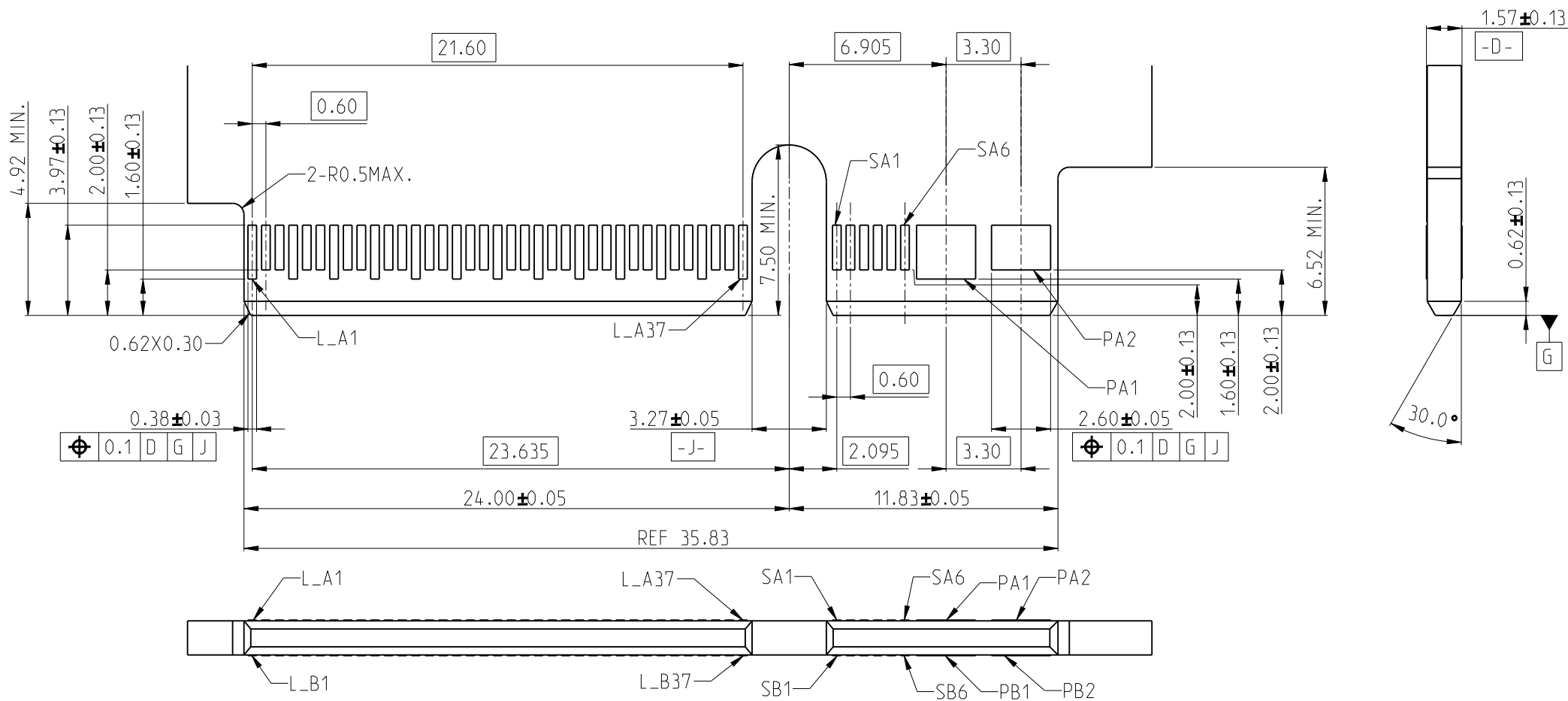
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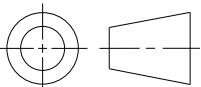


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RECOMMENDED AIC MATING CARD DIMENSIONS



NOTE: POSITION L_A1 ON OPPOSITE SIDE OF CARD OF L_B1

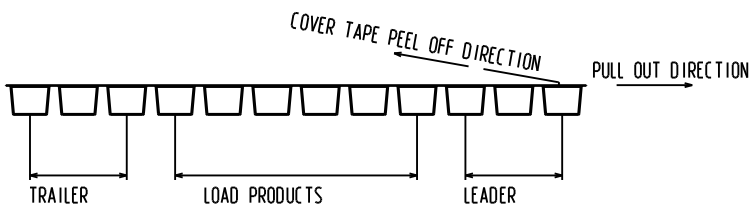
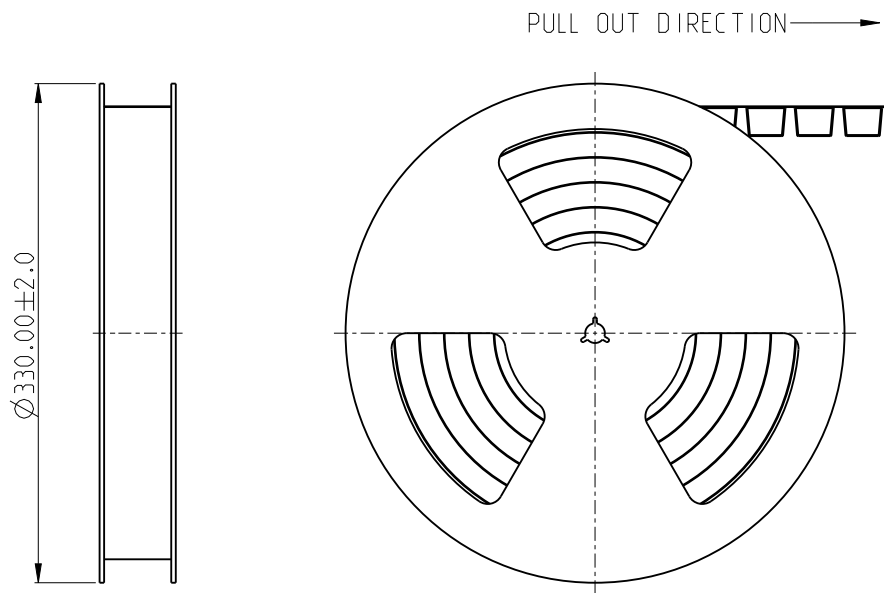
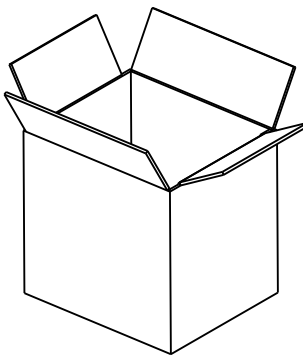
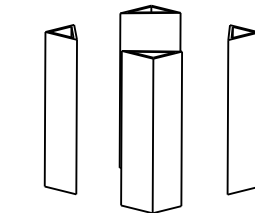
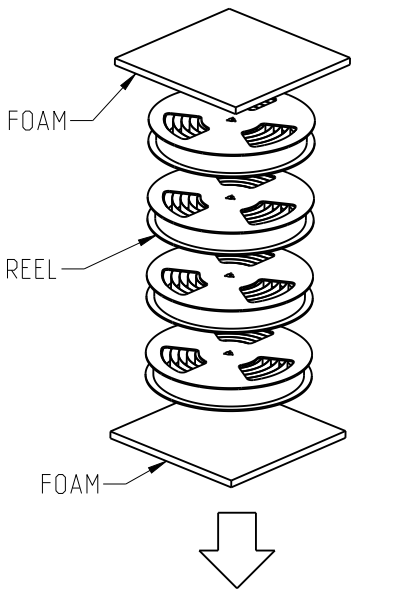
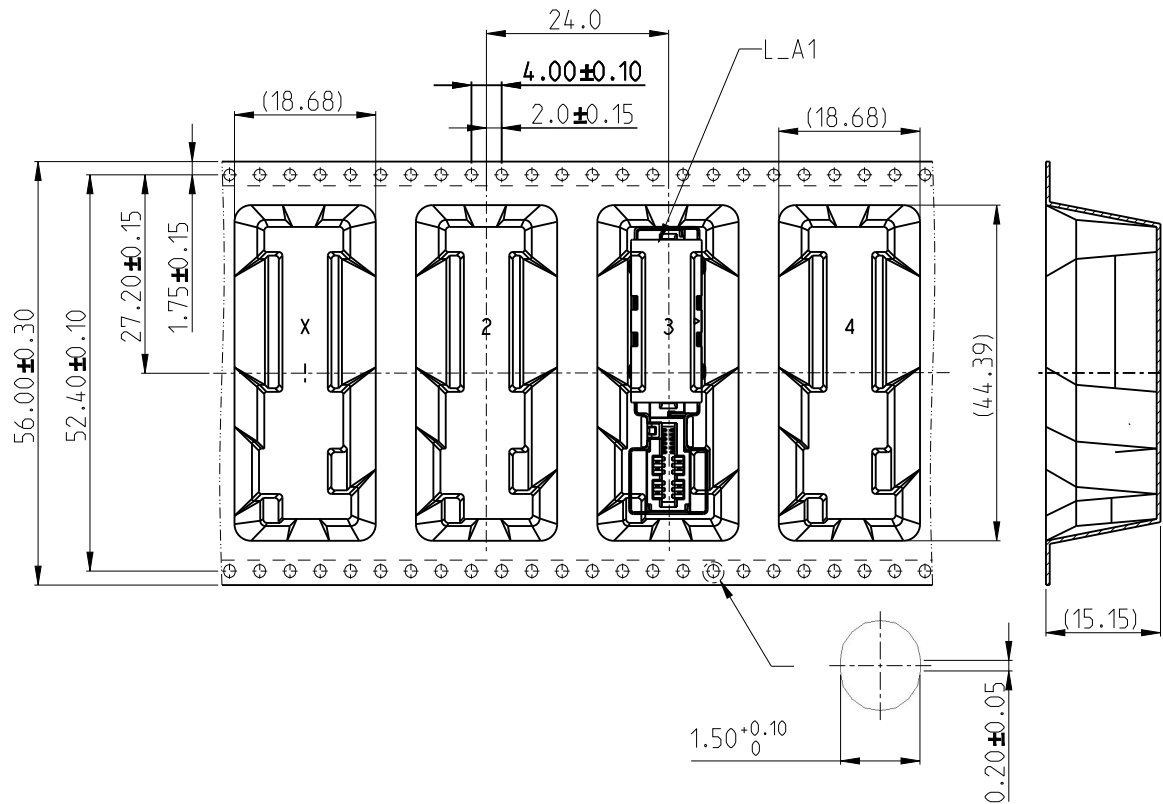
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X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10		DESIGNED	JOAN LU	2024-08-07							MULTI-TRAK™ CONNECTOR	
		CHECKED	Sondra Sang	2024-08-09	VERTICAL, SMT TYPE							
ANGULAR ±2°		APPROVED	Hank Hsu	2024-08-09		UNIT	mm				SIZE	A3
UNLESS OTHERWISE SPECIFIED		DWG TYPE	CUST DWG	PROJECT CODE		T765	SCALE				NA	SHEET
								PART No.	G03V43XXXXHR			
								DWG No.	G03V43XXXXHR	REV.	AX1	

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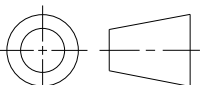
REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	BY
AX1	NA	INITIAL REVISION	2024-08-07	JOAN LU



- NOTE 2:
- CARTON SIZE
340L X 340W X265H
 - REFER TO AMTA LABELING STANDARD.
 - CARTON CLOSURES MUST BE SEALED WITH TAPE.

PART NUMBER	PCS/REEL	REEL (Q'TY)	CARTON (PCS)
G03VX3XX2HR	160	4	640

- NOTE 1 :
- MATERIAL:
CARRIER TAPE: POLYSTYRENE, BLACK
COVER TAPE: TRANSPARENT POLYSTYRENE
REEL: POLYSTYRENE, BLACK
 - ALL TAPE AND REEL SPECIFICATION FOLLOW EIA-481 STANDARD.
 - THIS PRODUCT DOESN'T CONTAIN ENVIRONMENTAL HAZARDOUS MATERIALS PER DERCTIVE 2011/65/EU & 2015/863/EU FOR RoHS AND PER IEC 61249-2-21 FOR HALOGEN FREE

TOLERANCE	DRAWN APPROVALS	DATE	TITLE MULTI-TRAK™ CONNECTOR VERTICAL, SMT TYPE			Amphenol® Amphenol Corporation Amphenol Taiwan Corporation		
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10	DESIGNED JOAN LU	2024-08-07						
	CHECKED Sondra Sang	2024-08-09						
	APPROVED Hank Hsu	2024-08-09						
ANGULAR ±2°				UNIT mm	SIZE A3	PART No. G03V43XXXXHR		
UNLESS OTHERWISE SPECIFIED	DWG TYPE CUST DWG	PROJECT CODE T765		SCALE NA	SHEET 4 OF 5	DWG No. G03V43XXXXHR	REV. AX1	

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REVISIONS				
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AX1	NA	INITIAL REVISION	2024-08-07	JOAN LU

G03V43XXXHR PIN ASSIGNMENT								
PIN NUMBER	PIN DEFINITION	PIN NUMBER	PIN DEFINITION		PIN NUMBER	PIN DEFINITION	PIN NUMBER	PIN DEFINITION
L_B1	GND	L_A1	GND		SB1	SIDEBAND	SA1	SIDEBAND
L_B2	TX	L_A2	RX		SB2	SIDEBAND	SA2	SIDEBAND
L_B3	TX	L_A3	RX		SB3	SIDEBAND	SA3	SIDEBAND
L_B4	GND	L_A4	GND		SB4	SIDEBAND	SA4	SIDEBAND
L_B5	TX	L_A5	RX		SB5	SIDEBAND	SA5	SIDEBAND
L_B6	TX	L_A6	RX		SB6	SIDEBAND	SA6	SIDEBAND
L_B7	GND	L_A7	GND		PA1	GND	PB1	GND
L_B8	SIDEBAND	L_A8	SIDEBAND		PA2	12V	PB2	12V
L_B9	SIDEBAND	L_A9	SIDEBAND					
L_B10	SIDEBAND	L_A10	SIDEBAND					
L_B11	SIDEBAND	L_A11	SIDEBAND					
L_B12	SIDEBAND	L_A12	SIDEBAND					
L_B13	GND	L_A13	GND					
L_B14	TX	L_A14	RX					
L_B15	TX	L_A15	RX					
L_B16	GND	L_A16	GND					
L_B17	TX	L_A17	RX					
L_B18	TX	L_A18	RX					
L_B19	GND	L_A19	GND					
L_B20	TX	L_A20	RX					
L_B21	TX	L_A21	RX					
L_B22	GND	L_A22	GND					
L_B23	TX	L_A23	RX					
L_B24	TX	L_A24	RX					
L_B25	GND	L_A25	GND					
L_B26	SIDEBAND	L_A26	SIDEBAND					
L_B27	SIDEBAND	L_A27	SIDEBAND					
L_B28	SIDEBAND	L_A28	SIDEBAND					
L_B29	SIDEBAND	L_A29	SIDEBAND					
L_B30	SIDEBAND	L_A30	SIDEBAND					
L_B31	GND	L_A31	GND					
L_B32	TX	L_A32	RX					
L_B33	TX	L_A33	RX					
L_B34	GND	L_A34	GND					
L_B35	TX	L_A35	RX					
L_B36	TX	L_A36	RX					
L_B37	GND	L_A37	GND					

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X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10		DESIGNED JOAN LU		2024-08-07					
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ANGULAR ±2°		APPROVED Hank Hsu		2024-08-09		UNIT mm	SIZE A3		
UNLESS OTHERWISE SPECIFIED		DWG TYPE CUST DWG		PROJECT CODE T765		SCALE NA	SHEET 5 OF 5	DWG No. G03V43XXXHR	REV. AX1