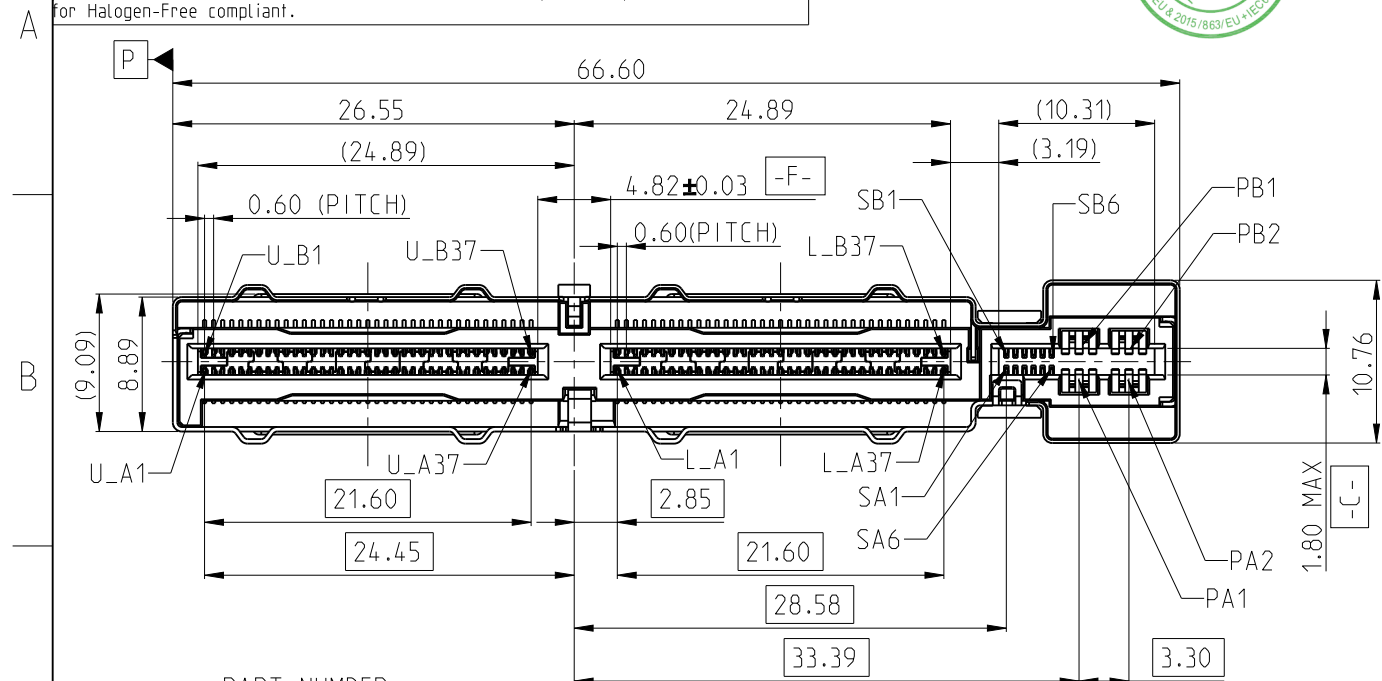


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The marking on this product doesn't contain environmental hazardous materials per directive 2011/65/EU & 2015/863/EU for RoHS compliant & per IEC 61249-2-21 for Halogen-Free compliant.



REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	BY
AX1	NA	INITIAL VERSION	2024-08-15	JOAN LU



MULTI-TRAK CONNECTOR

VERTICAL TYPE

CONNECTOR SPEED
4 : PCIE GEN 6

CHANNEL

1	U_B1~U_B37 U_A1~U_A37	L_B1~L_B37 L_A1~L_A37	SB1~SB6, PB1~PB2 SA1~SA6, PA1~PA2
	8X+20 SB	8X+20 SB	12 SB+POWER

CONTACT FINISH
3: 30u" GOLD

COMPLIANT CODE
HR: HALOGEN-FREE & RoHS

VARIATION CODE
BLANK: STANDARD

PACKING CODE
2: TAPE AND REEL (WITH CAP)

DIP PIN LENGTH OPTION (DIM.A, SEE TABLE 1)
1: 1.50mm
2: 2.20mm
3: 3.00mm
4: 4.20mm

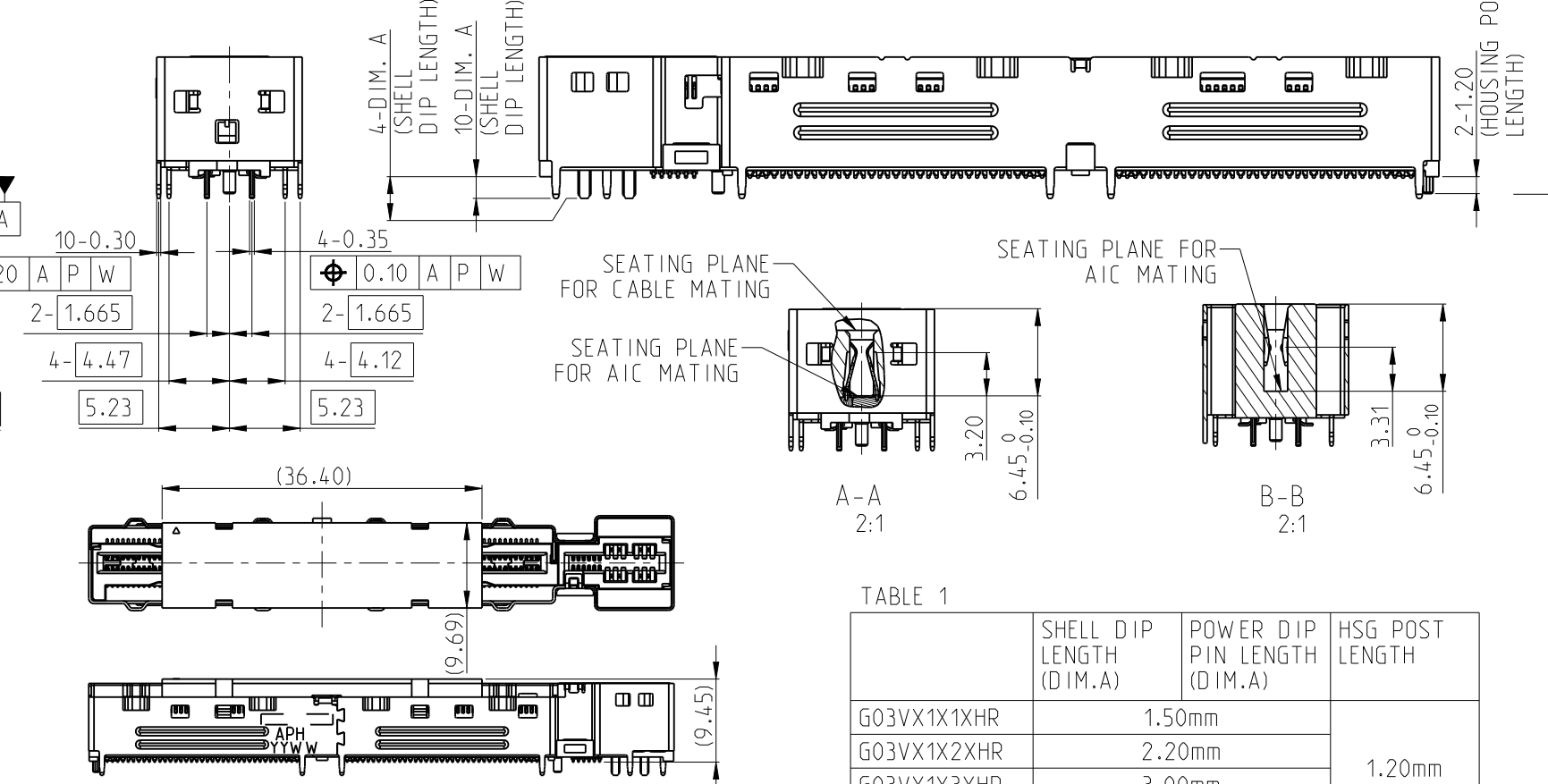
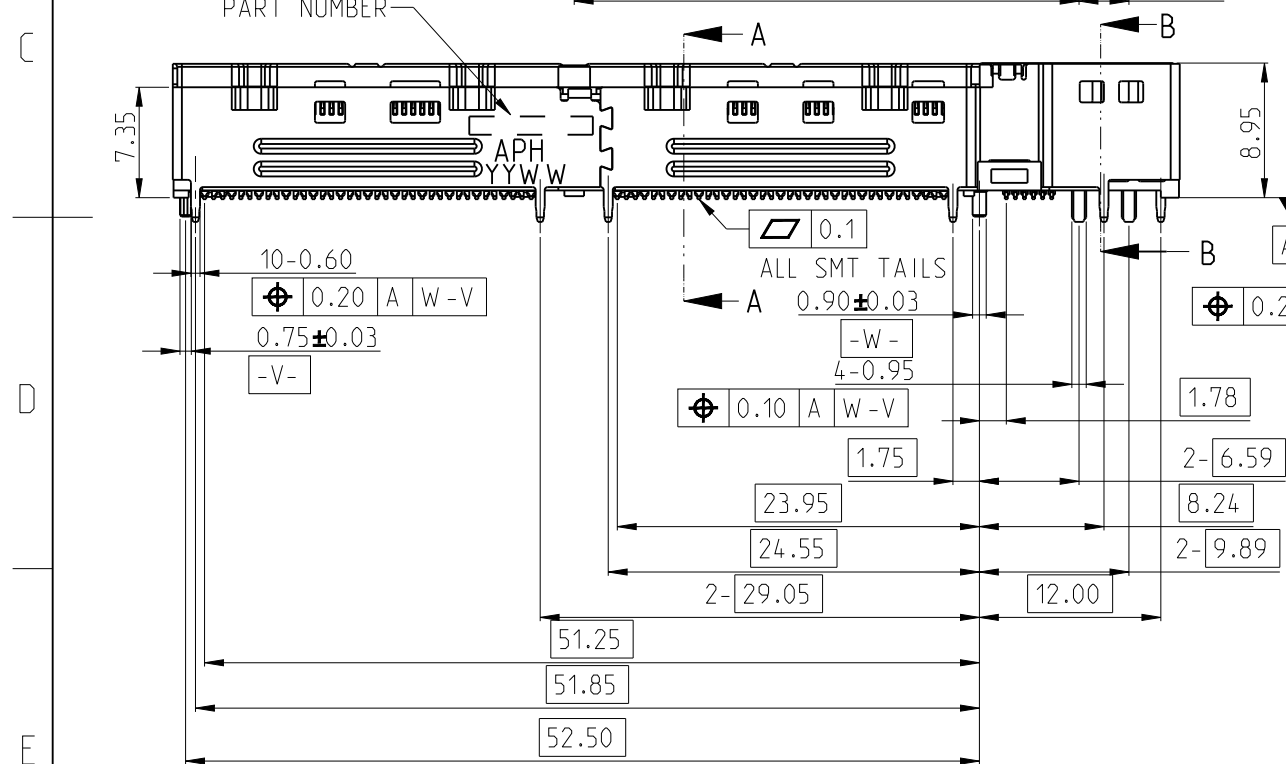


TABLE 1

	SHELL DIP LENGTH (DIM.A)	POWER DIP PIN LENGTH (DIM.A)	HSG POST LENGTH
G03VX1X1XHR	1.50mm		1.20mm
G03VX1X2XHR	2.20mm		
G03VX1X3XHR	3.00mm		
G03VX1X4XHR	4.20mm		

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" MIN.
UNDER PLATING: NICKEL PLATING 50u"MIN OVER ALL

SHELL : UNDER PLATING: ELECTROLESS NICKEL PLATING 50u"MIN OVER ALL

3.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.

4.PRODUCT SPEC REFER TO PS-07846.

5.GND PINS ARE CONNECTED.

TOLERANCE	DRAWN	APPROVALS	DATE	TITLE		UNIT		SIZE	PART No.	
X. X.X X.XX X.XXX	DESIGNED	JOAN LU	2024-08-05	MULTI-TRAK™ CONNECTOR		mm		A3	G03V41XXXHR	
ANGULAR ±2°	CHECKED	Sondra Sang	2024-08-16	VERTICAL, SMT TYPE		SCALE NA		SHEET 1 OF 6	G03V41XXXHR	
UNLESS OTHERWISE SPECIFIED	APPROVED	Hank Hsu	2024-08-16			DWG No.			REV. AX1	
	DWG TYPE	CUST DWG	PROJECT CODE T765							

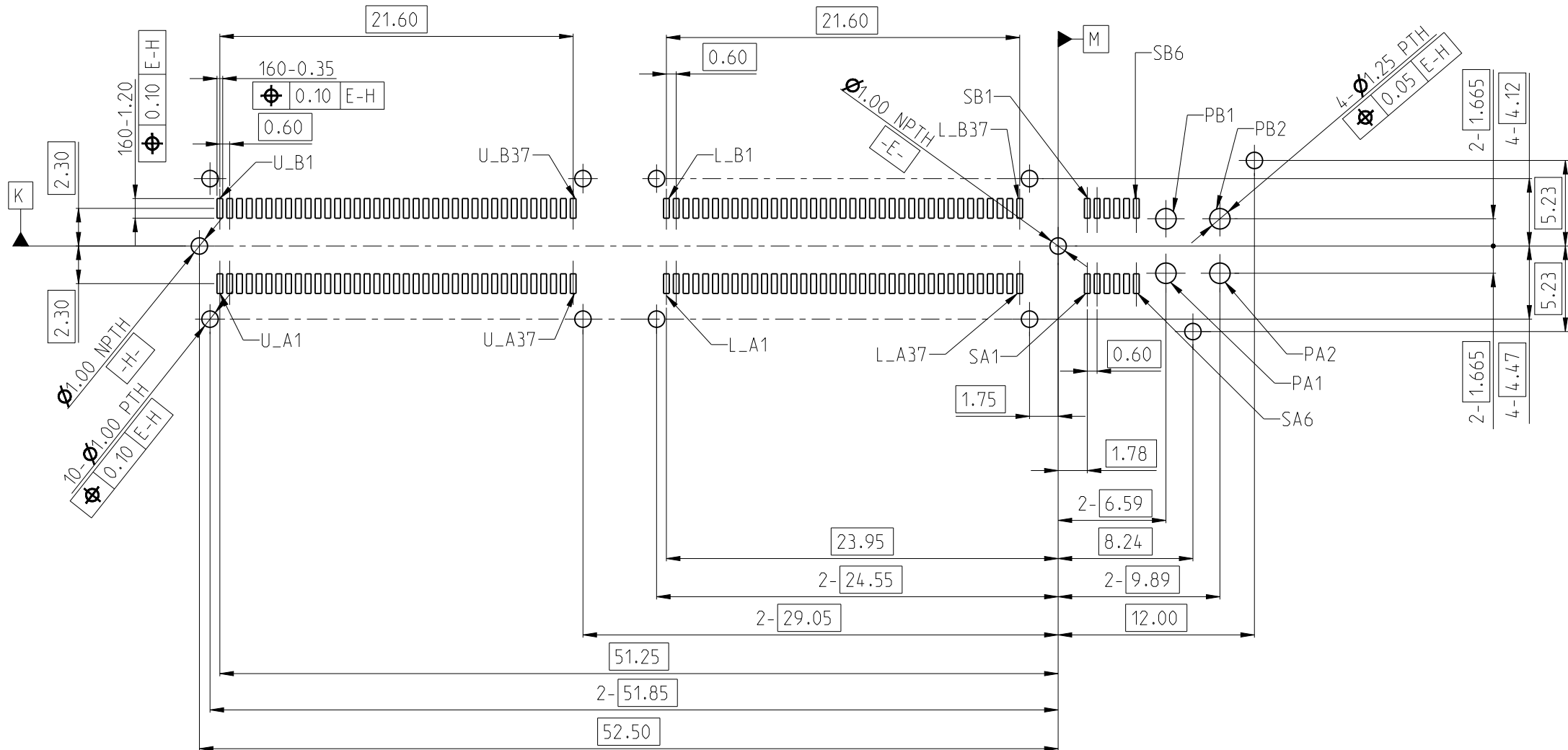
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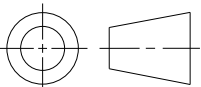
The marking on this product doesn't contain environmental hazardous materials per directive 2011/65/EU & 2015/863/EU for RoHS compliant & per IEC 61249-2-21 for Halogen-Free compliant.



REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	BY
AX1	NA	INITIAL VERSION	2024-08-15	JOAN LU

RECOMMENDED PCB LAYOUT
(GENERAL TOLERANCES :+/-0.05)
OPTION 1



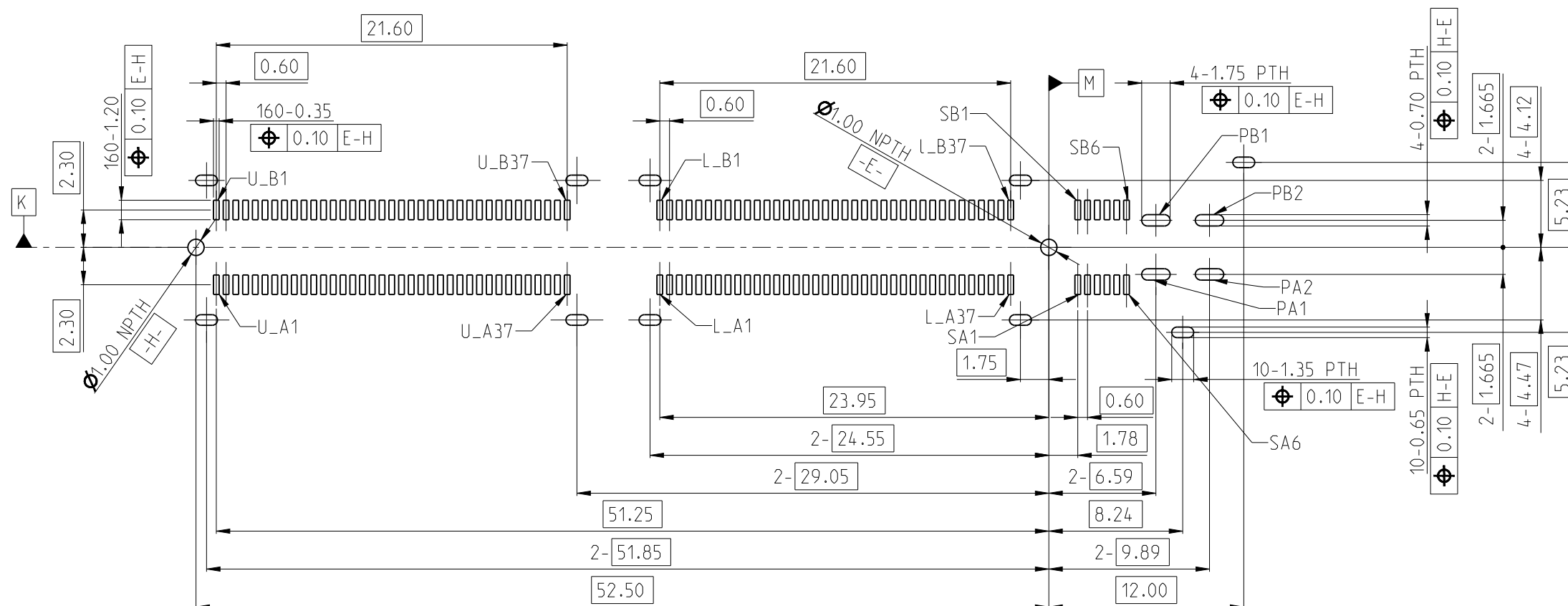
TOLERANCE		DRAWN	APPROVALS	DATE	TITLE			Amphenol® Amphenol Corporation Amphenol Taiwan Corporation			
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10		DESIGNED	JOAN LU	2024-08-05							MULTI-TRAK™ CONNECTOR
		CHECKED	Sondra Sang	2024-08-16	VERTICAL, SMT TYPE						
ANGULAR ±2°		APPROVED	Hank Hsu	2024-08-16							
UNLESS OTHERWISE SPECIFIED		DWG TYPE	CUST DWG	PROJECT CODE	T765	UNIT	mm	SIZE	A3	PART No.	G03V41XXXHR
						SCALE	NA	SHEET	2 OF 6	DWG No.	G03V41XXXHR
										REV.	AX1

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.



REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	BY
AX1	NA	INITIAL VERSION	2024-08-15	JOAN LU

RECOMMENDED PCB LAYOUT
(GENERAL TOLERANCES :+/-0.05)
OPTION 2

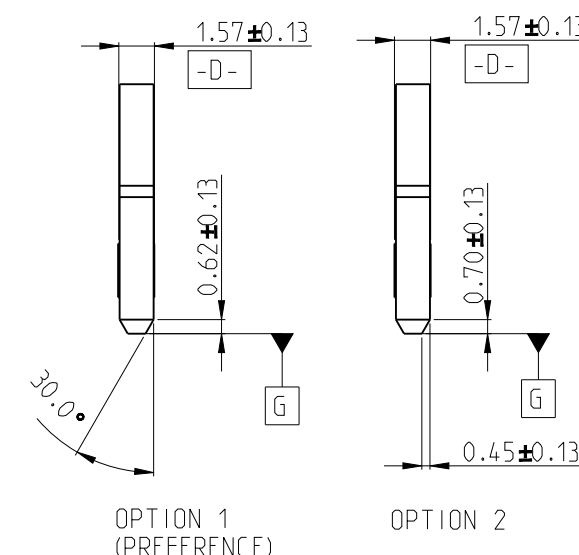
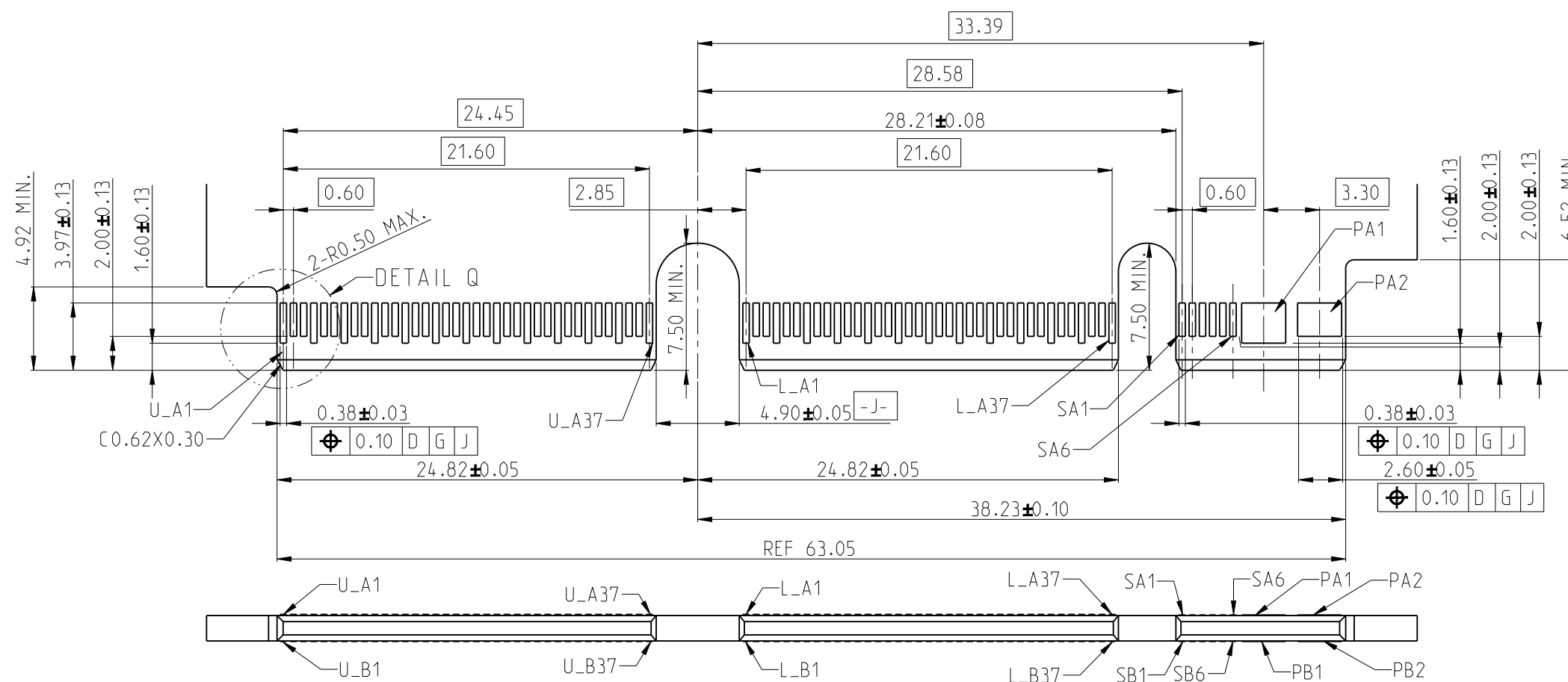


TOLERANCE	DRAWN APPROVALS	DATE	TITLE			Amphenol® Amphenol Corporation Amphenol Taiwan Corporation		
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10 ANGULAR ±2°	DESIGNED JOAN LU	2024-08-05	MULTI-TRAK™ CONNECTOR					
	CHECKED Sondra Sang	2024-08-16	VERTICAL, SMT TYPE					
	APPROVED Hank Hsu	2024-08-16		UNIT mm	SIZE A3			
UNLESS OTHERWISE SPECIFIED	DWG TYPE CUST DWG	PROJECT CODE TXXX		SCALE NA	SHEET 3 OF 6	DWG No. G03V41XXXHR	REV. AX1	

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REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	BY
AX1	NA	INITIAL VERSION	2024-08-15	JOAN LU



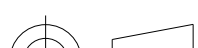
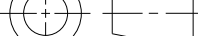
SOLDER MASK
EDGE NORMAL

SOLDER MASK EDGE:
SOLDER MASK MUST
PREVENT EXPOSE COPPER
IN AREA OF GOLD
PLATING TERMINATION

3.97

3.84 MIN.

DETAIL Q

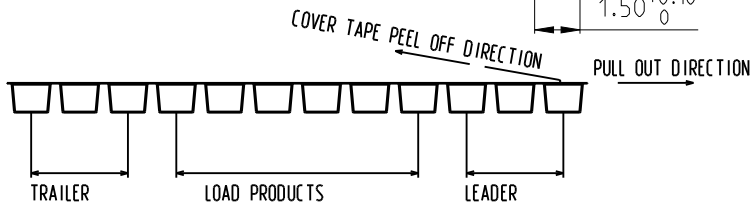
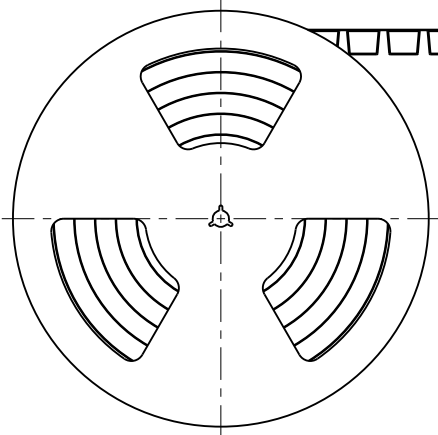
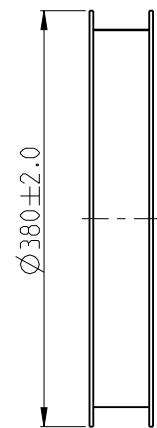
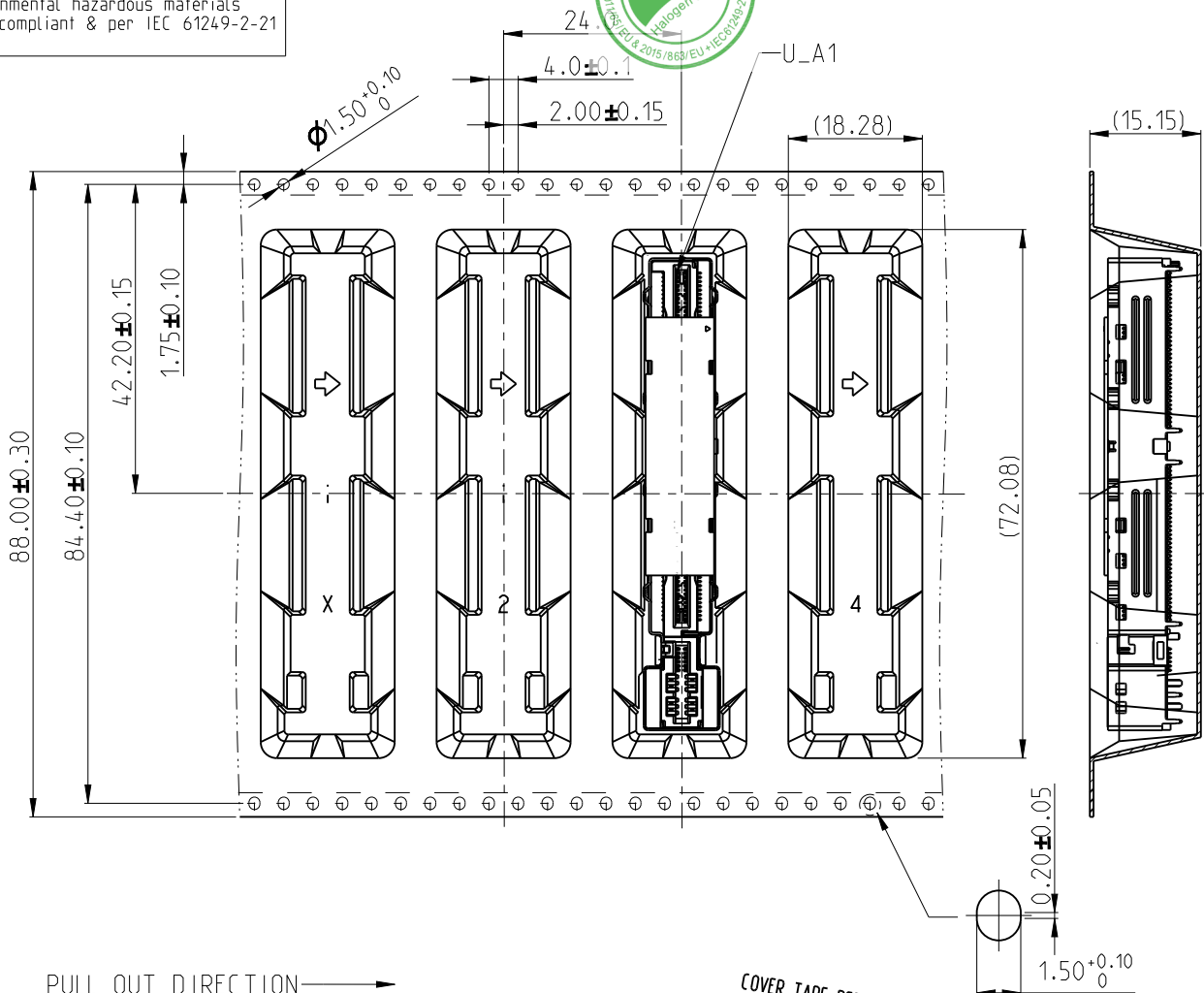
TOLERANCE	DRAWN APPROVALS	DATE	TITLE			Amphenol®		
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10 ANGULAR ±2°	DESIGNED JOAN LU	2024-08-05	MULTI-TRAK™ CONNECTOR VERTICAL, SMT TYPE			Amphenol Corporation Amphenol Taiwan Corporation		
	CHECKED Sondra Sang	2024-08-16						
	APPROVED Hank Hsu	2024-08-16		UNIT mm	SIZE A3	PART No. G03V41XXXHR		
UNLESS OTHERWISE SPECIFIED	DWG TYPE CUST DWG	PROJECT CODE T765		SCALE NA	SHEET 4 OF 6	DWG No. G03V41XXXHR	REV. AX1	

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REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	BY
AX1	NA	INITIAL VERSION	2024-08-15	JOAN LU

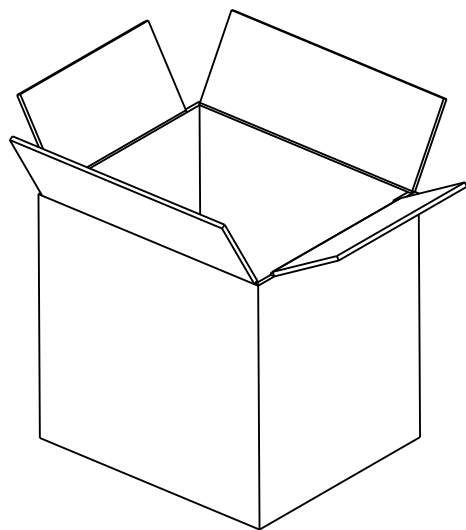
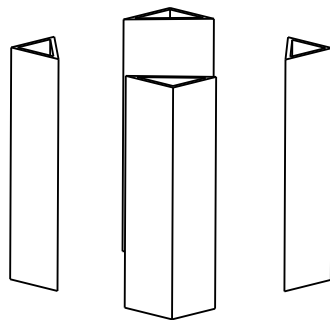
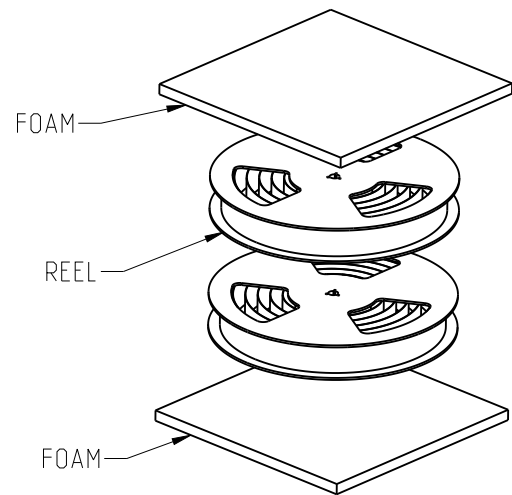


NOTE 2:

1. CARTON SIZE
390L X 390W X205H
2. REFER TO AMTA LABELING STANDARD.
3. CARTON CLOSURES MUST BE SEALED WITH TAPE.

PART NUMBER	PCS/REEL	REEL/CARTON	CARTON (PCS)
G03VX1XX2HR	230	2	460

- NOTE 1 :
- 1.MATERIAL:
CARRIER TAPE: POLYSTYRENE, BLACK
COVER TAPE: TRANSPARENT POLYSTYRENE
REEL: POLYSTYRENE, BLACK
 - 2.ALL TAPE AND REEL SPECIFICATION FOLLOW EIA-481 STANDARD.
 - 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

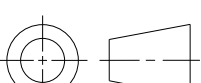


TOLERANCE		DRAWN		APPROVALS		DATE		TITLE			Amphenol® Amphenol Corporation Amphenol Taiwan Corporation									
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10 ANGULAR ±2°		DESIGNED		JOAN LU		2024-08-05		MULTI-TRAK™ CONNECTOR												
		CHECKED		Sondra Sang		2024-08-16		VERTICAL, SMT TYPE												
		APPROVED		Hank Hsu		2024-08-16								UNIT	mm	SIZE	A3	PART No.	G03V41XXXHR	
UNLESS OTHERWISE SPECIFIED		DWG TYPE		CUST DWG		PROJECT CODE		T765		SCALE		NA	SHEET		5 OF 6	DWG No.	G03V41XXXHR		REV.	AX1

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	PIN DEFINITION
	SIDEBAND
	SIDEBAND
	SIDEBAND
	SIDEBAND
	SIDEBAND
	SIDEBAND
	GND
	12V

TOLERANCE	DRAWN APPROVALS	DATE	TITLE			Amphenol®		
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10 ANGULAR ±2°	DESIGNED JOAN LU	2024-08-05	MULTI-TRAK™ CONNECTOR			Amphenol Corporation		
	CHECKED Sondra Sang	2024-08-16	VERTICAL, SMT TYPE			Amphenol Taiwan Corporation		
	APPROVED Hank Hsu	2024-08-16		UNIT mm	SIZE A3	PART No. G03V41XXXHR		
UNLESS OTHERWISE SPECIFIED	DWG TYPE CUST DWG	PROJECT CODE TXXX	SCALE NA		SHEET 6 OF 6	DWG No. G03V41XXXHR		REV. AX1