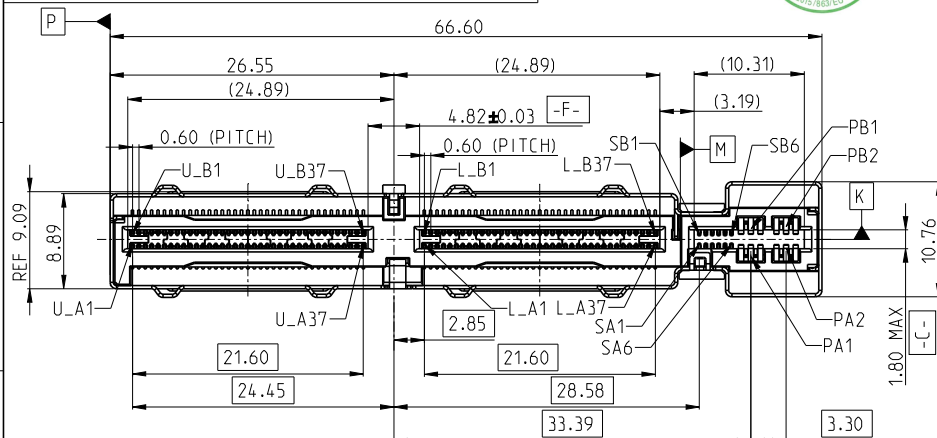


The marking on this product doesn't contain environmental hazardous materials per directive 2011/65/EU & 2015/863/EU for RoHS compliant & per IEC 61249-2-21 for Halogen-Free compliant.



REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	BY
AX11	NA	REPLACES 2 SMALL CAPS WITH 1 LARGER CAP	2023-03-28	JOAN LU
AX12	NE-23184	1.INCREASE HOUSING CHAMFER 2.ADDED OPTIONAL SPEC ON AIC CHAMFER	2023-07-04	JOAN LU
AX13	NE-23195	ADDED GEN 6 OPTION IN PART NUMBER SYSTEM	2023-07-17	JOAN LU
AX14	NE-23286	1. ADDED TABLE 1 FOR DIP PIN LENGTH AND ADDED 1.53mm OPTION 2. UPDATED TOLERANCE OF SEATING PLANE	2023-10-05	JOAN LU
AX15	NE-23312	ADDED PCB LAYOUT OPTION	2023-11-06	JOAN LU
AX16	NE-24040	MODIFIED NOTE	2024-02-02	JOAN LU



MULTI-TRAK CONNECTOR _____

VERTICAL TYPE _____

CONNECTOR SPEED _____

2 : PCIE GEN 5

3 : PCIE GEN 6

CHANNEL _____

1.24X+12 SBs+POWER WITH DUAL EXIT

CONTACT FINISH _____

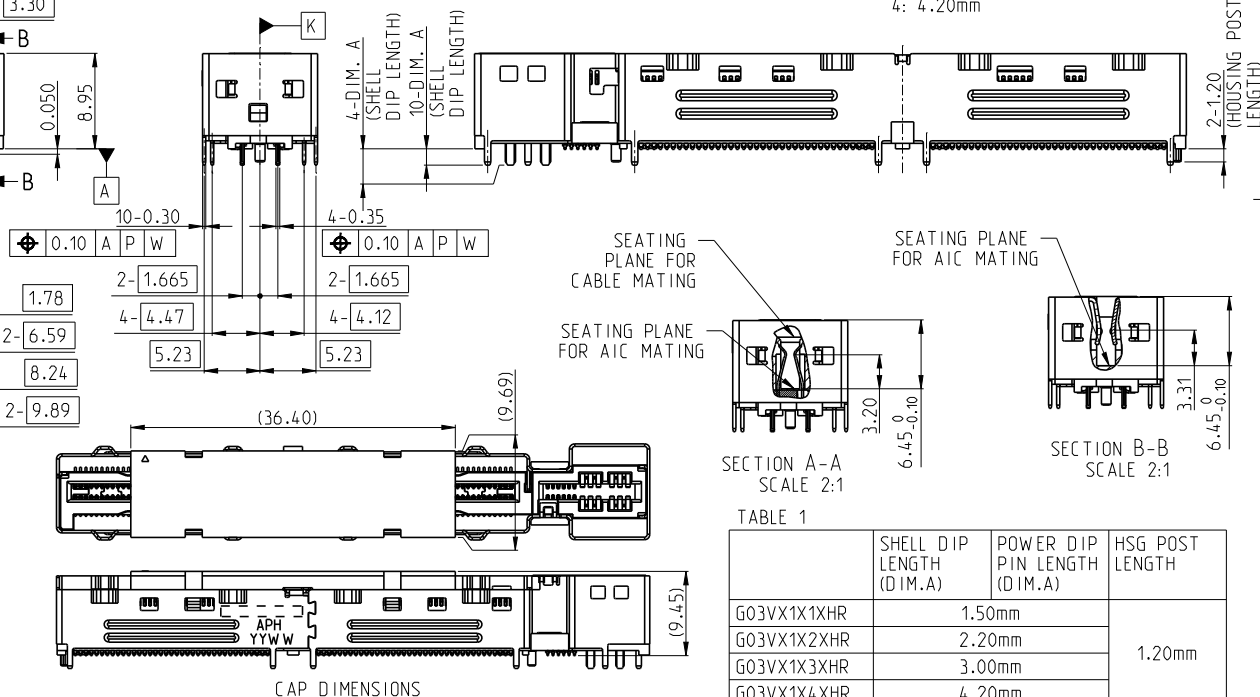
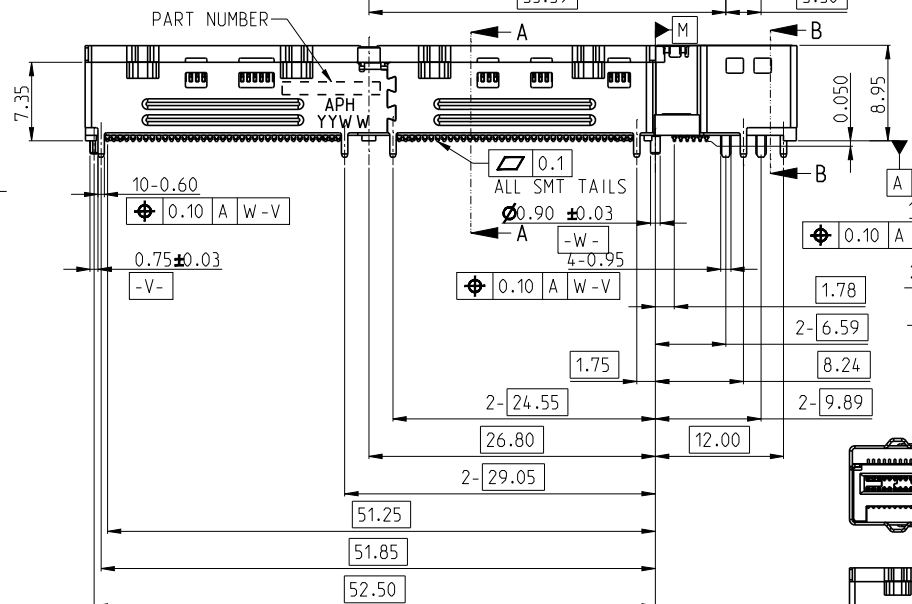
3: 30u" GOLD

— 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



1. MATERIALS:
PLASTICS : HIGH TEMPERATURE THERMOPLASTIC UL94V-0.COLOR: BLACK
SHELL : STAINLESS

2: FINISH
 TERMINAL : CONTACT AREA : SELECTED GOLD PLATING.

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 ENVIROMENTAL HAZARDOUS MATERIALS PER
DERCTIVE 2011/65/EU & 2015/863/EU FOR RoHS AND PER IEC 61249-2-21 FOR
HALOGEN FREE.

5. GROUND PINS ARE ISOLATED.

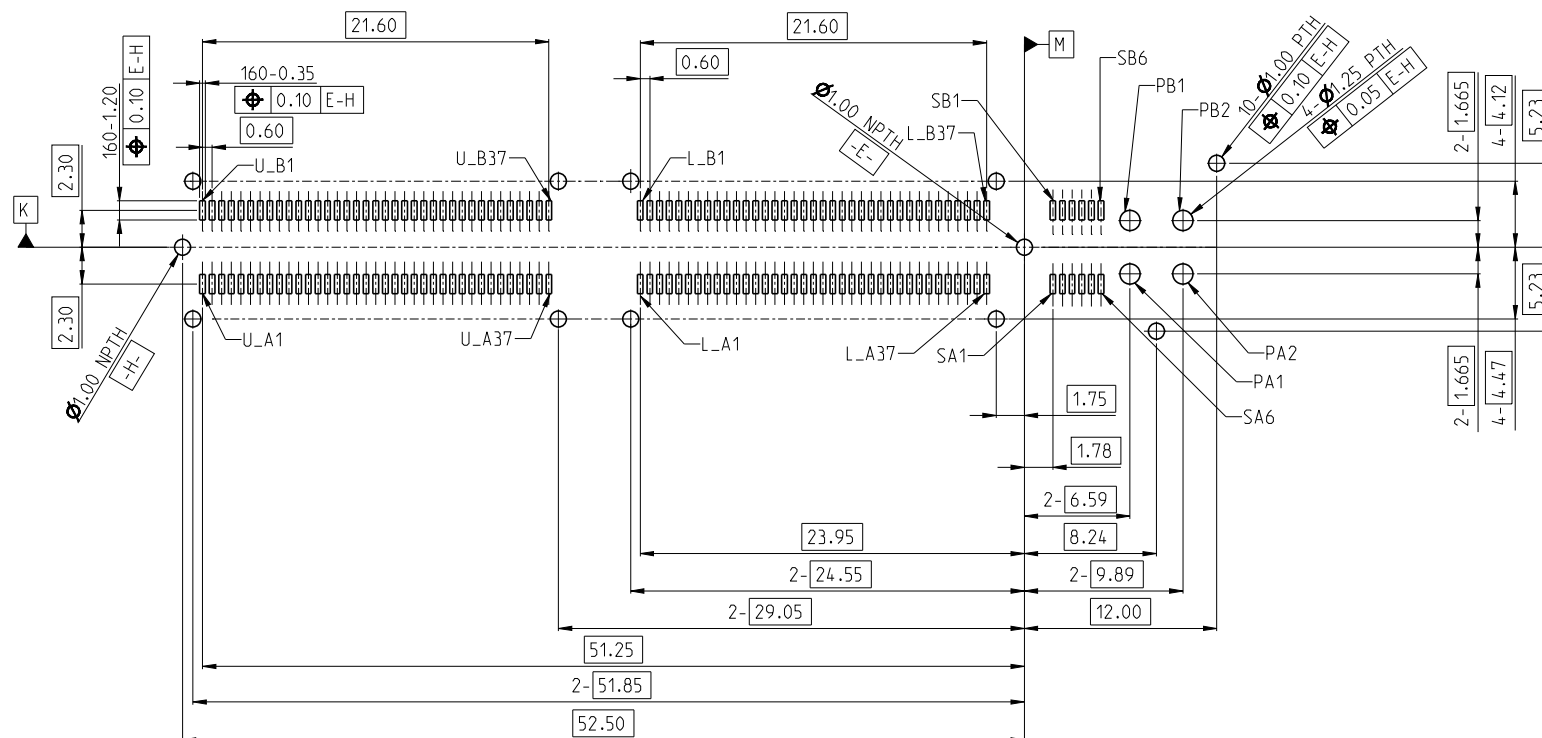
TOLERANCE	DRAWN APPROVALS		DATE	MULTI-TRAK™ CONNECTOR			Amphenol® Amphenol Corporation Amphenol Taiwan Corporation		
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10	DESIGNED JOAN LU	2024-02-02	VERTICAL, SMT TYPE						
	CHECKED Sondra Sang	2024-02-02							
ANGULAR ±2°	APPROVED Hank Hsu	2024-02-02		UNIT mm	SIZE A3	PART No. G03VX1XXXHR			
UNLESS OTHERWISE SPECIFIED	DWG TYPE CUST DWG	PROJECT CODE T765		SCALE NA	SHEET 1 OF 5	DWG No. G03VX1XXXHR	REV. AX16		

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AX13	NE-23195	ADDED GEN 6 OPTION IN PART NUMBER SYSTEM	2023-07-17	JOAN LU
AX14	NE-23286	1. ADDED TABLE 1 FOR DIP PIN LENGTH AND ADDED 10mm OPTION 2. UPDATED TOLERANCE OF SEATING PLANE	2023-10-05	JOAN LU
AX15	NE-23312	ADDED PCB LAYOUT OPTION	2023-11-06	JOAN LU
AX16	NE-24040	MODIFIED NOTE	2024-02-02	JOAN LU

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



TOLERANCE		DRAWN APPROVALS		DATE	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	2024-02-02				UNIT		mm	SIZE	A3
		CHECKED	Sondra Sang	2024-02-02				SCALE		NA	SHEET	2 OF 5
ANGULAR ±2°		APPROVED	Hank Hsu	2024-02-02				DWG No.		G03VX1XXXHR		
UNLESS OTHERWISE SPECIFIED		DWG TYPE	CUST DWG		PROJECT CODE	T765		DWG No.		G03VX1XXXHR	REV.	AX16

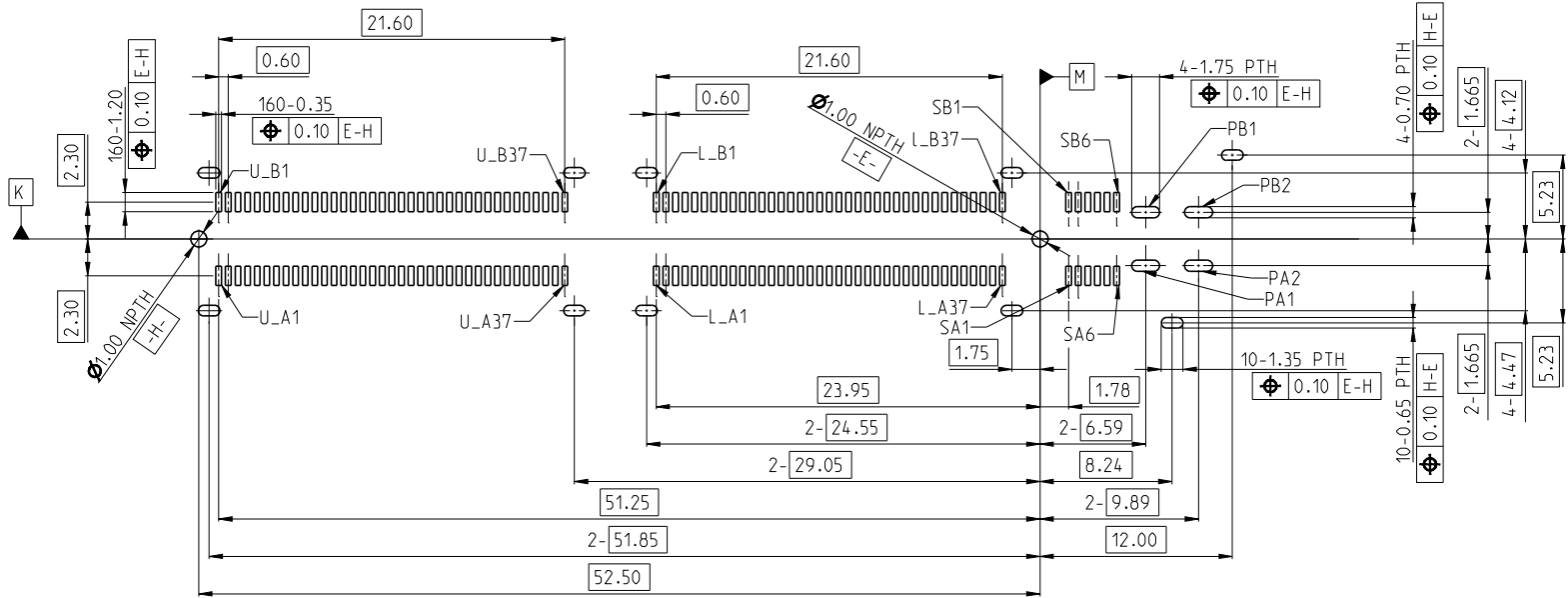
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AX13	NE-23195	ADDED GEN 6 OPTION IN PART NUMBER SYSTEM	2023-07-17	JOAN LU
AX14	NE-23286	1. ADDED TABLE 1 FOR DIP PIN LENGTH AND ADDED 1.50mm OPTION 2. UPDATED TOLERANCE OF SEATING PLANE	2023-10-05	JOAN LU
AX15	NE-23312	ADDED PCB LAYOUT OPTION	2023-11-06	JOAN LU
AX16	NE-24040	MODIFIED NOTE	2024-02-02	JOAN LU

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



TOLERANCE	DRAWN	APPROVALS	DATE	TITLE		UNIT		SIZE	PART No.	
X.		DESIGNED	JOAN LU	2024-02-02	MULTI-TRAK™ CONNECTOR VERTICAL, SMT TYPE		mm	A3	G03VX1XXXHR	
X.X ±0.30		CHECKED	Sondra Sang	2024-02-02						
X.XX ±0.20		APPROVED	Hank Hsu	2024-02-02						
X.XXX ±0.10										
ANGULAR ±2°										
UNLESS OTHERWISE SPECIFIED		DWG TYPE	CUST DWG	PROJECT CODE	TXXX	SCALE	NA	SHEET	3 OF 5	REV. AX16

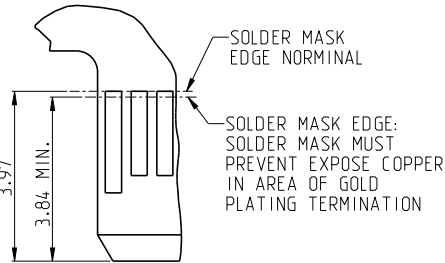
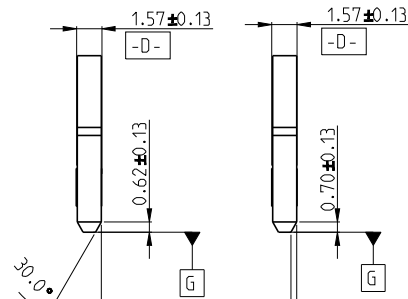
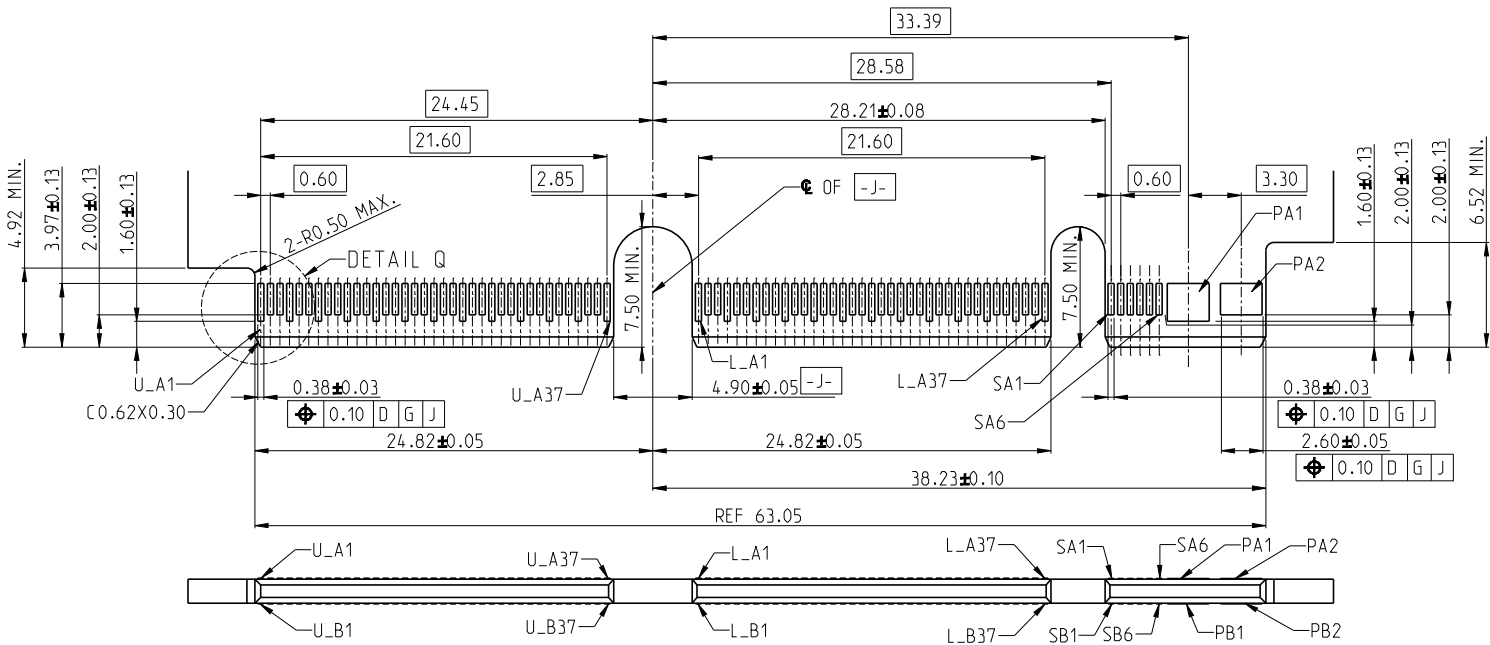
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AX15	NE-23312	ADDED PCB LAYOUT OPTION	2023-11-06	JOAN LU
AX16	NE-24040	MODIFIED NOTE	2024-02-02	JOAN LU

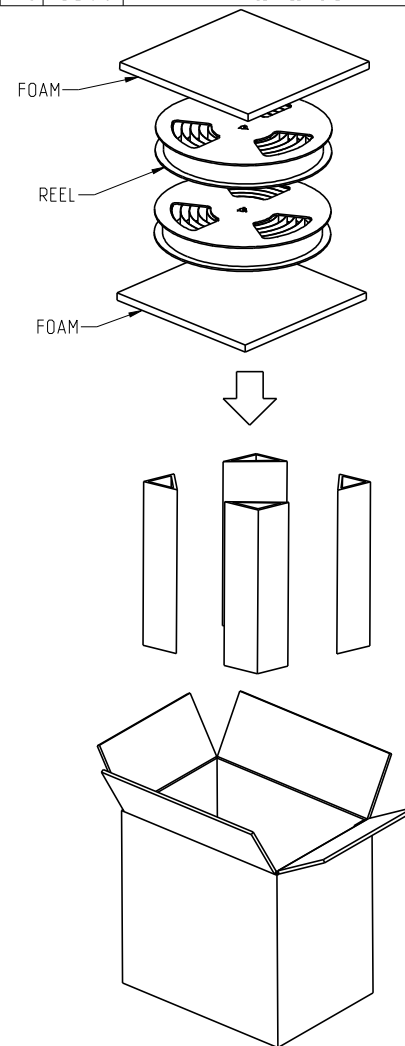
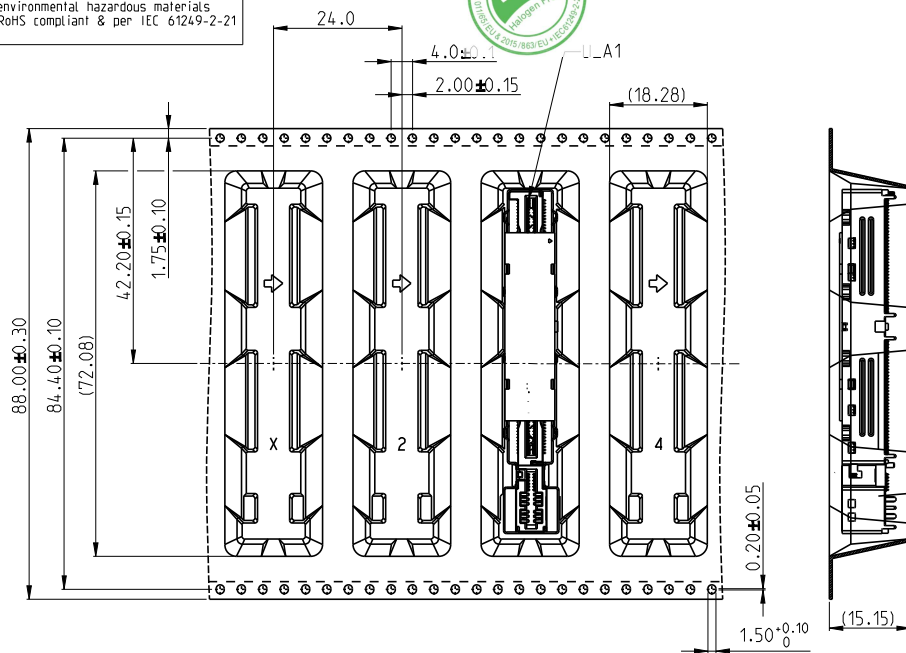
RECOMMENDED AIC MATING CARD DIMENSIONS



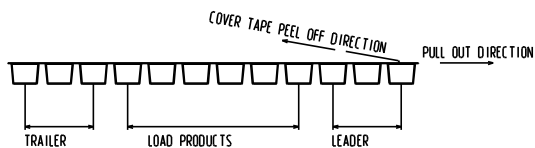
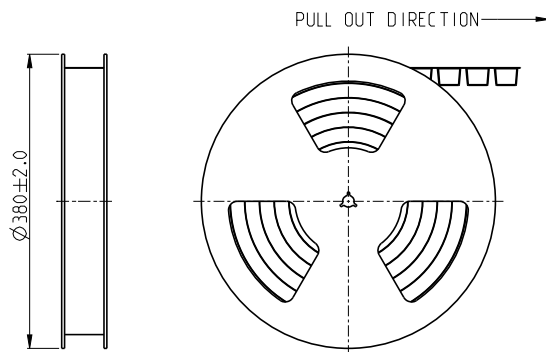
NOTE: POSITION A1 ON OPPOSITE SIDE OF CARD OF B1

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		2024-02-02		MULTI-TRAK™ CONNECTOR					
		CHECKED Sondra Sang		2024-02-02		VERTICAL, SMT TYPE					
		APPROVED Hank Hsu		2024-02-02							
ANGULAR ±2°						UNIT mm SCALE NA					
						SIZE A3			PART No. G03VX1XXXHR		
UNLESS OTHERWISE SPECIFIED		DWG TYPE CUST DWG		PROJECT CODE T765		SHEET 4 OF 5			DWG No. G03VX1XXXHR REV. AX16		

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AX13	NE-23195	ADDED GEN 6 OPTION IN PART NUMBER SYSTEM	2023-07-17	JOAN LU
AX14	NE-23286	1. ADDED TABLE 1 FOR DIP PIN LENGTH AND ADDED 0mm OPTION 2. UPDATED TOLERANCE OF SEATING PLANE	2023-10-05	JOAN LU
AX15	NE-23312	ADDED PCB LAYOUT OPTION	2023-11-06	JOAN LU
AX16	NE-24040	MODIFIED NOTE	2024-02-02	JOAN LU



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

PART NUMBER	REEL (Q'TY)	CARTON (PCS)
G03VX1XX2HR	2	460

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

TOLERANCE	DRAWN APPROVALS		DATE	MULTI-TRAK™ CONNECTOR			Amphenol® Amphenol Corporation Amphenol Taiwan Corporation		
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10	DESIGNED JOAN LU	2024-02-02	VERTICAL, SMT TYPE						
	CHECKED Sondra Sang	2024-02-02							
ANGULAR ±2°	APPROVED Hank Hsu	2024-02-02		UNIT mm	SIZE A3	PART No. G03VX1XXXHR			
UNLESS OTHERWISE SPECIFIED	DWG TYPE CUST DWG	PROJECT CODE T765		SCALE NA	SHEET 5 OF 5	DWG No. G03VX1XXXHR	REV. AX16		