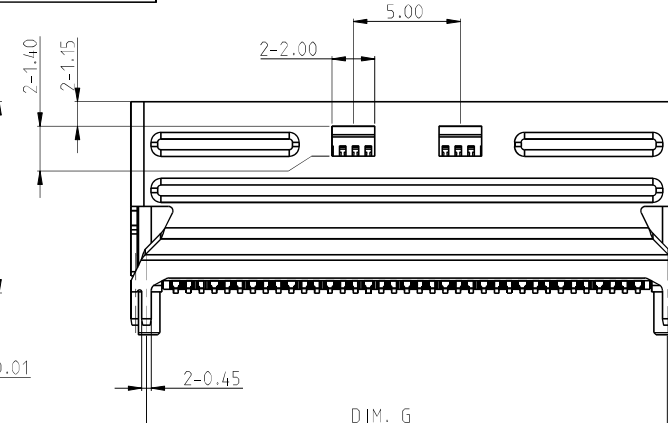
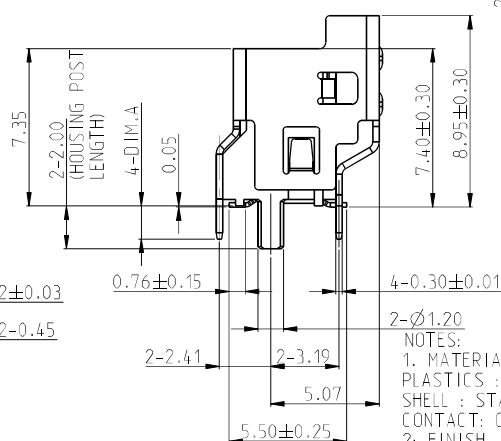
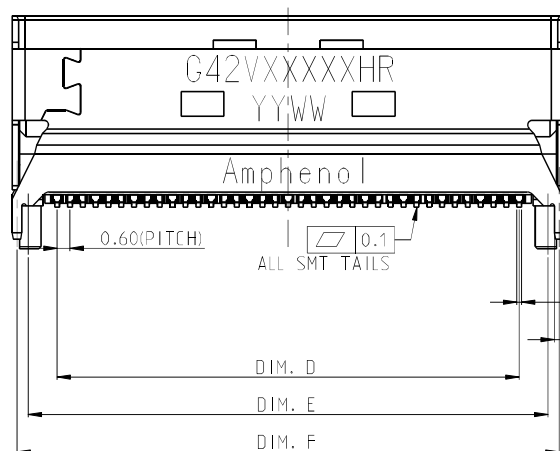


The marking on this product doesn't contain environmental hazardous materials per directive 2011/65/EU & 2015/863/EU for RoHS compliant & per IEC 61249-2-21 for Halogen-Free compliant.

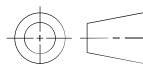
—SHELL PIN LENGTH OPTION(DIM.A)

1:	1.50mm
2:	2.20mm
3:	3.00mm
4:	4.20mm
5:	1.20mm (SHELL PIN AND HOUSING POST)



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-7681.  
5.SUPPORT 920HM APPLICATION.

TOLERANCE	DRAWN	APPROVALS	DATE
X.	DESIGNED	Joan Lu	03/02/202
X.X ±0.30	CHECKED	Sondra Sang	03/02/202
X.XX ±0.20	APPROVED	Hank Hsu	03/02/202
X.XXX ±0.10	DWG TYPE	CUST DWG	PROJECT CODE
ANGULAR ±2°			T631
UNLESS OTHERWISE SPECIFIED			



UNIT mm	SIZE A3	PART No. G42VXXXXXHR	
SCALE NA	SHEET 1 OF 8	DWG No. G42VXXXXXHR	REV. AX26

Amphenol®

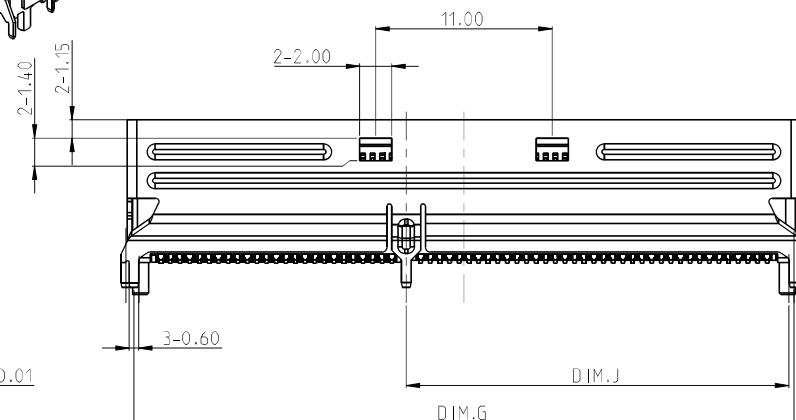
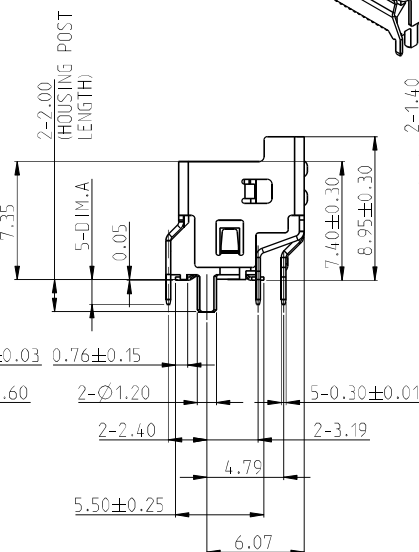
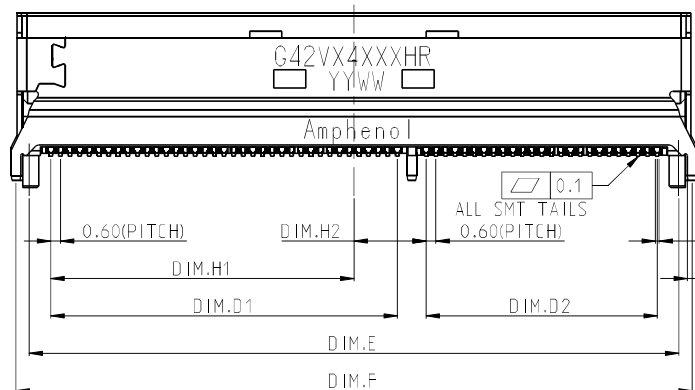
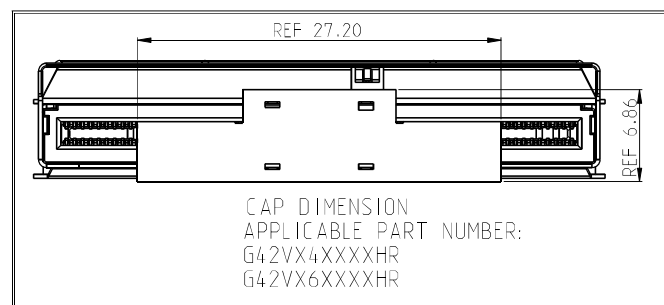
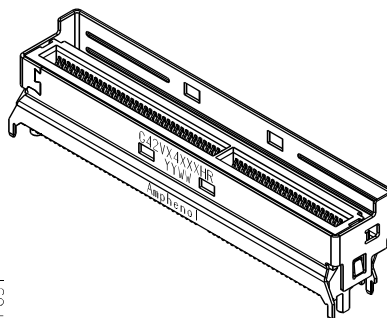
Amphenol Corporation  
Amphenol Taiwan Corporation

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.

REV. AX26

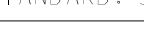
The marking on this product doesn't contain environmental hazardous materials per directive 2011/65/EU & 2015/863/EU for RoHS compliant & per IEC 61249-2-21 for Halogen-Free compliant.

REVISIONS					
SYM	ECN No.	DESCRIPTION	DATE	BY	
AX22	NA	ADDED COMPONENT KEEP OUT AREA LIMIT HEIGHT	10/31/2019	JOAN LU	
AX23	NA	UPDATED QTY OF PACKAGE	12/17/2019	JOAN LU	
AX24	NA	1.CORRECT DIM J IN TABLE FOR G42V0XXXXHR 2.REVISED LATCH HOLE DIMENSION FROM 1.10 TO 1.15MM	09/02/2020	JOAN LU	
AX25	NA	RECOMMENDED A/C MATING CARD CHAMFER CHANGE FROM 0.75 TO 0.3	02/02/2021	JOAN LU	
AX26	NA	ADDED NOTE ITEM 5	03/02/2021	JOAN LU	



PART NUMBER	POS. (N)	DIM. B1	DIM. B2	DIM. C	DIM. D1	DIM. D2	DIM. E	DIM. F	DIM. G	DIM. H1	DIM. H2	DIM. J
G42VX4XXXXHR	124	22.48	15.28	42.00	21.60	14.40	40.50	42.15	41.15	18.90	4.50	23.85
G42VX6XXXXHR	148	22.48	22.48	49.20	21.60	21.60	47.70	49.35	48.35	22.50	0.90	23.85



TOLERANCE	DRAWN APPROVALS		DATE	TITLE		<h1>Amphenol®</h1> <p><b>Amphenol Corporation</b> <b>Amphenol Taiwan Corporation</b></p>			
X. X.X     ±0.30 X.XX    ±0.20 X.XXX   ±0.10	DESIGNED	Joan Lu	03/02/2021	MINI COOL EDGE 10 INTEGRATED CONNECTOR 0.6 PITCH, VERTICAL STANDARD. SMT TYPE					
	CHECKED	Sondra Sang	03/02/2021						
	APPROVED	Hank Hsu	03/02/2021						
ANGULAR ±°	DWG TYPE		PROJECT CODE	UNIT	SCALE	SIZE	PART No.		
UNLESS OTHERWISE SPECIFIED	CUST DWG		T631	mm	NA	A3	G42VXXXXXHR		
						SHEET 3 OF 8	DWG No. G42VXXXXXHR		REV. AX2

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

REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	BY
AX22	NA	ADDED COMPONENT KEEP OUT AREA LIMIT HEIGHT	10/31/2019	JOAN LU
AX23	NA	UPDATED QTY OF PACKAGE	12/17/2019	JOAN LU
AX24	NA	1.CORRECT DIM J IN TABLE FOR G42VX6XXXHR 2.REVISED LATCH HOLE DIMENSION FROM 1.10 TO 1.15MM	09/02/2020	JOAN LU
AX25	NA	RECOMMENDED AIC MATING CARD CHAMFER CHANGE FROM 0.75 TO 0.3	02/02/2021	JOAN LU
AX26	NA	ADDED NOTE ITEM 5	03/02/2021	JOAN LU

PART NUMBER	POS. (N)	DIM. D	DIM. E	DIM. F	DIM. G
G42VX1XXXHR	38	10.80	13.50	14.55	13.55
G42VX5XXXHR	50	14.40	17.10	18.15	17.15
G42VX2XXXHR	74	21.60	24.30	25.35	24.35

PART NUMBER (APPLY TO 38P/74P/50P)	DIM. U
G42VXXX1XHR	0.8
G42VXXX2XHR	
G42VXXX3XHR	
G42VXXX4XHR	0.95

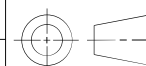
PART NUMBER	POS. (N)	DIM. D1	DIM. D2	DIM. E	DIM. F	DIM. G	DIM. H1	DIM. H2
G42VX4XXXHR	124	21.60	14.40	40.50	42.15	41.15	18.90	4.50
G42VX6XXXHR	148	21.60	21.60	47.70	49.35	48.35	22.50	0.90

PART NUMBER	POS. (N)	DIM. S	DIM. T
G42VX4XX1XHR	124	0.5	1.1
G42VX4XX2XHR			
G42VX4XX3XHR			
G42VX4XX4XHR	148	0.65	1.3
G42VX6XXXHR			



TOLERANCE	DRAWN	APPROVALS	DATE
X. ±0.30	DESIGNED	Joan Lu	03/02/2021
X.X ±0.20	CHECKED	Sondra Sang	03/02/2021
X.XX ±0.10	APPROVED	Hank Hsu	03/02/2021
ANGULAR ±2°	DWG TYPE	CUST DWG	PROJECT CODE T631
UNLESS OTHERWISE SPECIFIED			

TITLE	UNIT	SIZE	PART No.
MINI COOL EDGE 10 INTEGRATED CONNECTOR 0.6 PITCH, VERTICAL STANDARD, SMT TYPE	mm	A3	G42VXXXXXHR
	SCALE	NA	DWG No. G42VXXXXXHR
			REV. AX26



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REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	BY
AX22	NA	ADDED COMPONENT KEEP OUT AREA LIMIT HEIGHT	10/31/2019	JOAN LU
AX23	NA	UPDATED QTY OF PACKAGE	12/17/2019	JOAN LU
AX24	NA	1.CORRECT DIM J IN TABLE FOR G42VX6XXXXHR 2.REVISED LATCH HOLE DIMENSION FROM 1.10 TO 1.15MM	09/02/2020	JOAN LU
AX25	NA	RECOMMENDED AIC MATING CARD CHAMFER CHANGE FROM C0.75 TO C0.3	02/02/2021	JOAN LU
AX26	NA	ADDED NOTE ITEM 5	03/02/2021	JOAN LU

PART NUMBER	POS. (N)	DIM. P	DIM. Q
G42VX1XXXXHR	38	15.00	15.15
G42VX5XXXXHR	50	18.60	18.75
G42VX2XXXXHR	74	25.80	25.95

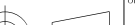
COMPONENTS KEEP OUT AREA  
LIMITATION HEIGHT: 0mm

COMPONENTS KEEP OUT AREA

COMPONENTS KEEP OUT AREA

PART NUMBER	POS. (N)	DIM. P	DIM.Q
G42VX4XXXXHR	124	42.75	44.75
G42VX6XXXXHR	148	49.95	51.95



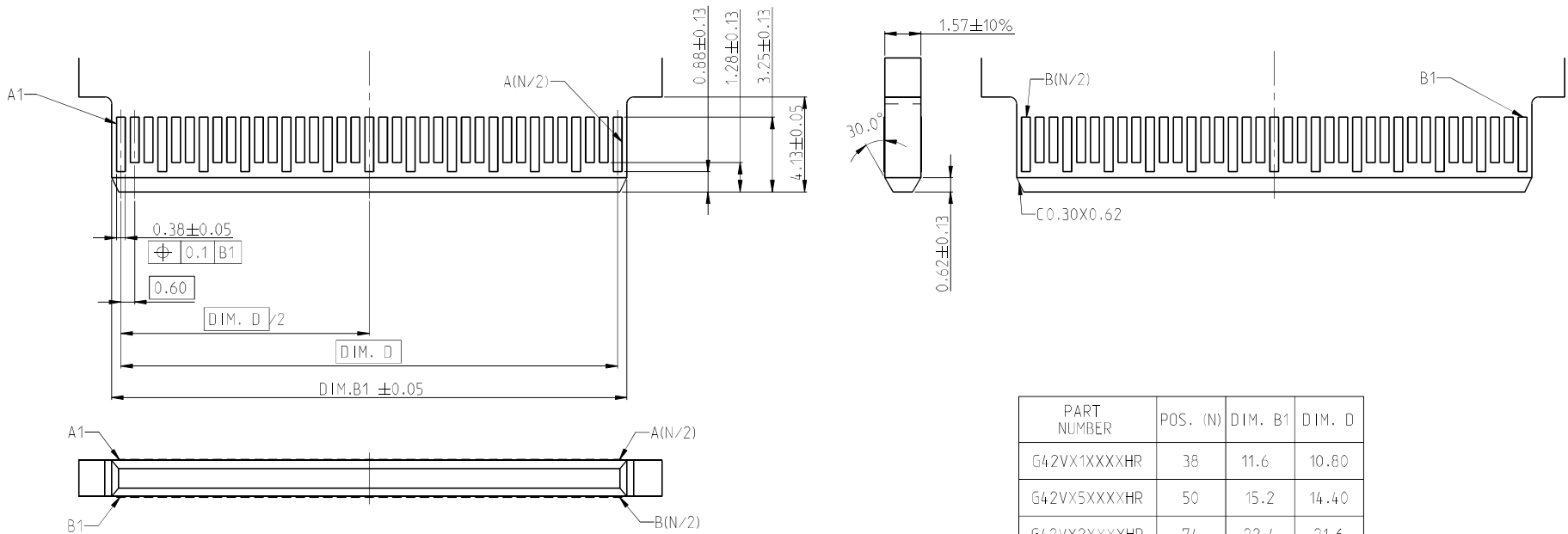
TOLERANCE		DRAWN	APPROVALS	DATE	TITLE			Amphenol®						
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10  ANGULAR ±2°  UNLESS OTHERWISE SPECIFIED		DESIGNED	Joan Lu	03/02/2021	MINI COOL EDGE IO INTEGRATED CONNECTOR 0.6 PITCH, VERTICAL STANDARD, SMT TYPE			Amphenol Corporation Amphenol Taiwan Corporation						
		CHECKED	Sondra Sang	03/02/2021										
		APPROVED	Hank Hsu	03/02/2021										
		DWG TYPE	CUST DWG	PROJECT CODE	T631		UNIT	mm	SIZE	A3	PART No.	G42VXXXXXHR		
							SCALE	NA	SHEET	5 OF 8	DWG No.	G42VXXXXXHR	REV.	AX26

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REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	BY
AX22	NA	ADDED COMPONENT KEEP OUT AREA LIMIT HEIGHT	10/31/2019	JOAN LU
AX23	NA	UPDATED QTY OF PACKAGE	12/17/2019	JOAN LU
AX24	NA	1.CORRECT DIM J IN TABLE FOR G42VX0XXXXHR 2.REVISED LATCH HOLE DIMENSION FROM 1.10 TO 1.15MM	09/02/2020	JOAN LU
AX25	NA	RECOMMENDED AIC MATING CARD CHAMFER CHANGE FROM C0.75 TO C0.3	02/02/2021	JOAN LU
AX26	NA	ADDED NOTE ITEM 5	03/02/2021	JOAN LU

RECOMMENDED AIC MATING CARD DIMENSIONS



PART NUMBER	POS. (N)	DIM. B1	DIM. D
G42VX1XXXXHR	38	11.6	10.80
G42VX5XXXXHR	50	15.2	14.40
G42VX2XXXXHR	74	22.4	21.6



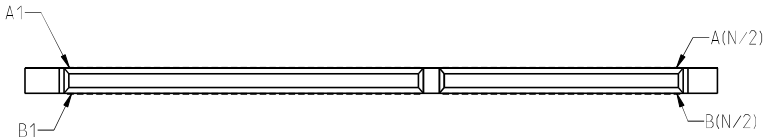
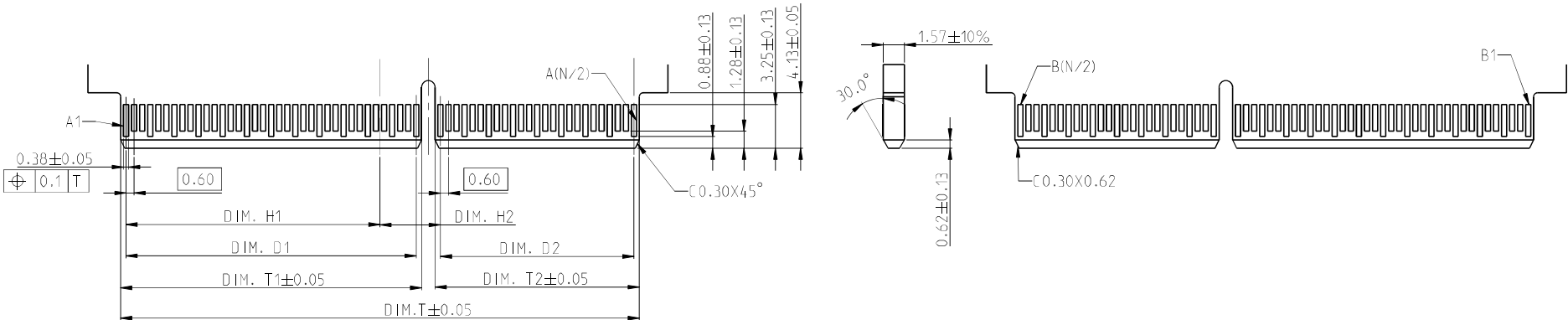
TOLERANCE		DRAWN	APPROVALS	DATE	TITLE			Amphenol®			
X. X.X X.XX X.XXX	±0.30 ±0.20 ±0.10	DESIGNED	Joan Lu	03/02/2021	MINI COOL EDGE 10 INTEGRATED CONNECTOR 0.6 PITCH, VERTICAL STANDARD, SMT TYPE			Amphenol Corporation Amphenol Taiwan Corporation			
		CHECKED	Sondra Sang	03/02/2021							
		APPROVED	Hank Hsu	03/02/2021							
ANGULAR	±2°					UNIT mm	SIZE A3	PART No.	G42VXXXXXHR		
UNLESS OTHERWISE SPECIFIED		DWG TYPE	CUST DWG	PROJECT CODE	T631	SCALE NA	SHEET 6 OF 8	DWG No.	G42VXXXXXHR	REV.	AX26

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REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	BY
AX22	NA	ADDED COMPONENT KEEP OUT AREA LIMIT HEIGHT	10/31/2019	JOAN LU
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AX24	NA	1.CORRECT DIM J IN TABLE FOR G42VX6XXXXHR 2.REVISED LATCH HOLE DIMENSION FROM 1.10 TO 1.15MM	09/02/2020	JOAN LU
AX25	NA	RECOMMENDED AIC MATING CARD CHAMFER CHANGE FROM C0.75 TO C0.3	02/02/2021	JOAN LU
AX26	NA	ADDED NOTE ITEM 5	03/02/2021	JOAN LU

RECOMMENDED AIC MATING CARD DIMENSIONS



PART NUMBER	POS. (N)	DIM. D1	DIM. D2	DIM. H1	DIM. H2	DIM. T	DIM. T1	DIM. T2
G42VX4XXXXHR	124	21.60	14.40	18.90	4.50	38.6	22.4	15.2
G42VX6XXXXHR	148	21.60	21.60	22.50	0.90	45.8	22.4	22.4

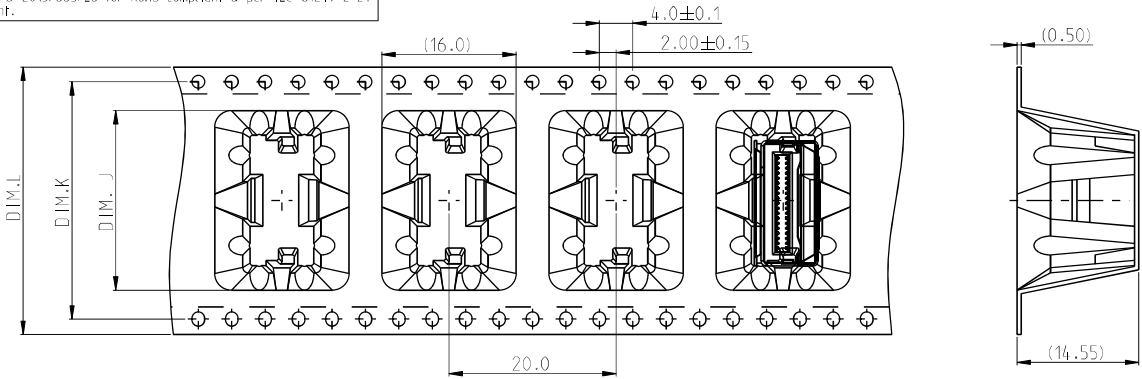


TOLERANCE	DRAWN	APPROVALS	DATE	TITLE	UNIT	SIZE	PART No.
X. ±0.30	DESIGNED	Joan Lu	03/02/2021	MINI COOL EDGE IO INTEGRATED CONNECTOR	mm	A3	G42VXXXXXHR
X.X ±0.20	CHECKED	Sondra Sang	03/02/2021	0.6 PITCH, VERTICAL	SCALE	NA	G42VXXXXXHR
X.XXX ±0.10	APPROVED	Hank Hsu	03/02/2021	STANDARD. SMT TYPE	SHEET	7 OF 8	REV. AX26
ANGULAR ±2°	DWG TYPE	CUST DWG	PROJECT CODE	T631			
UNLESS OTHERWISE SPECIFIED							

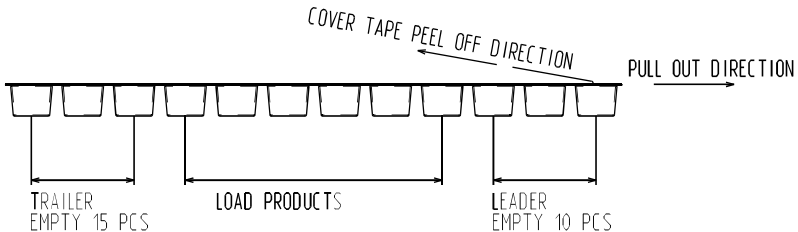
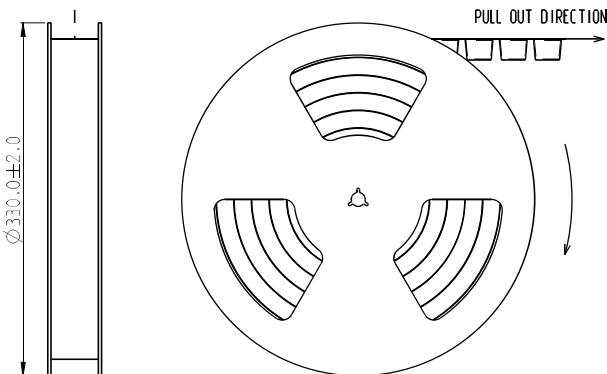
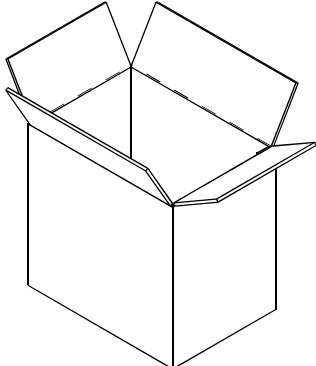
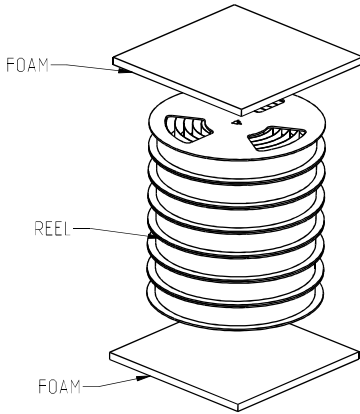
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REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	BY
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AX25	NA	RECOMMENDED AIC MATING CARD CHAMFER CHANGE FROM 0.75 TO 0.3	02/02/2021	JOAN LU
AX26	NA	ADDED NOTE ITEM 5	03/02/2021	JOAN LU



PART NUMBER	POS. (N)	DIM. J	DIM. K	DIM. L	REEL (Q.TY)	CARTON (PCS)
G42VX1XXXXHR	38	(21.5)	28.4±0.1	32.0±0.3	7	1400
G42VX5XXXXHR	50	(27.7)	40.4±0.1	44.0±0.3	5	1000
G42VX2XXXXHR	74	(34.0)	52.4±0.1	56.0±0.3	4	800
G42VX4XXXXHR	124	(39.5)	68.40±0.1	72.0±0.3	3	600
G42VX6XXXXHR	148	(57.9)	68.40±0.1	72.0±0.3	3	600



- NOTE 2:
1. CARTON SIZE 340L X 340W X 265H
  2. PREFER TO AMTA LABELING STANDARD.
  3. CARTON CLOSURES MUST BE SEALED WITH TAPE.



- 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 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		UNIT	SIZE	PART No.
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10	DESIGNED Joan Lu	03/02/2021	MINI COOL EDGE 10 INTEGRATED CONNECTOR		mm	A3	G42VXXXXXHR
ANGULAR ±2°	CHECKED Sondra Sang	03/02/2021	0.6 PITCH, VERTICAL STANDARD. SMT TYPE		SCALE NA	SHEET 8 OF 8	REV. AX26
UNLESS OTHERWISE SPECIFIED	DWG TYPE CUST DWG	PROJECT CODE T631	DWG No. G42VXXXXXHR				