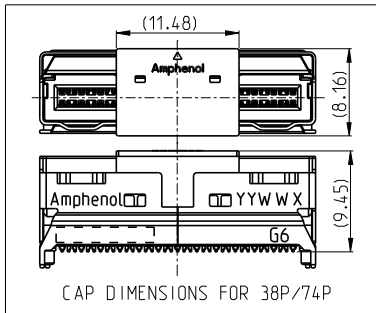
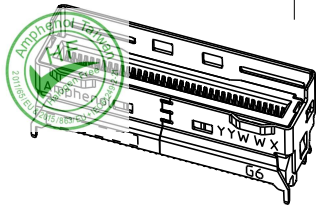
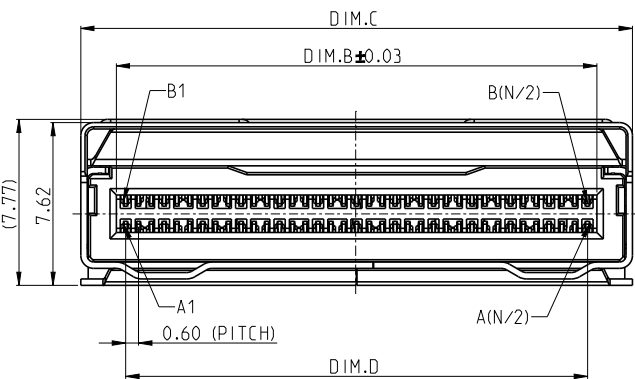


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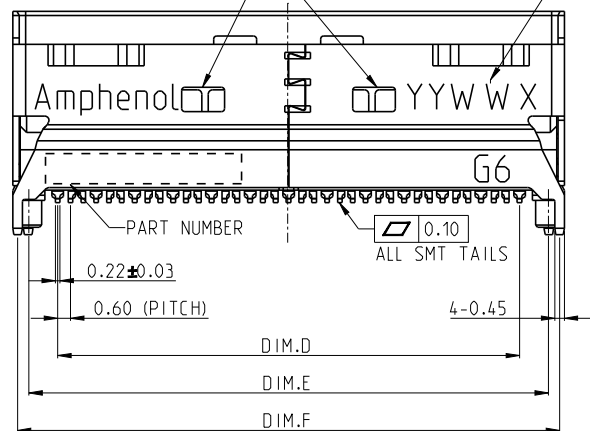
The marking on this product doesn't contain environmental hazardous materials per directive 2011/65/EU & 2015/863/EU for RoHS compliant & per IEC 61249-2-21 for Halogen-Free compliant.



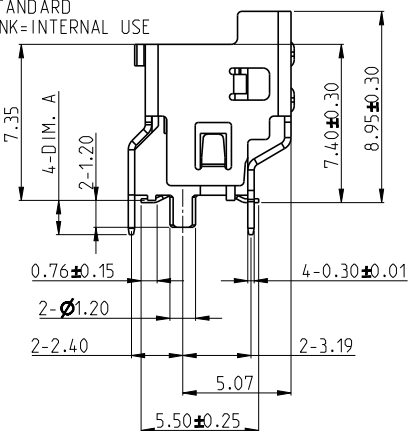
CAP DIMENSIONS FOR 38P/74P



38P WITHOUT SHELL HOLES
74P WITH SHELL HOLES



DATE CODE
YY:YEAR
WW:WORK WEEK
X:BLANK=STANDARD
NON-BLANK=INTERNAL USE



NOTES:
1. MATERIALS:
HOUSING : HIGH TEMPERATURE THERMOPLASTIC UL94V-0,
COLOR: GH10V1XXXXHR: BLACK
GH10V1AXXXHR: NATURAL
WAFER :HIGH TEMPERATURE THERMO PLASTIC
UL94V-0,COLOR: BLACK
SHELL/GND BAR : 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 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-07853.
5.GND PINS ARE CONNECTED.

PART NUMBER	POS. (N)	DIM. B	DIM. C	DIM. D	DIM. E	DIM. F	DIM.G
GH10V11XXXXHR	38	11.68	15.00	10.80	13.50	14.55	13.55
GH10V1AXXXHR							
GH10V12XXXXHR	74	22.48	25.80	21.60	24.30	25.35	24.35
GH10V1BXXXXHR							

REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	BY
AX4	NE-24178	ADDED GH10V11XXXXHR FRONT VIEW	2024-08-28	JOAN LU
AX5	NE-24203	UPDATED THE DISPLAY METHOD OF PIN OUT	2024-09-27	JOAN LU
AX6	NE-24270	1.DC CHANGED FROM 4 DIGIT DC TO 5 DIGIT DC 2.ADDED ALL HIGH SPEED CHANNELS OPTIONS INTO PWS 3.ADDED PACKING CODE 5	2024-12-10	JOAN LU

MINI COOL EDGE 10
INTEGRATED CONNECTOR

VERTICAL TYPE

CONNECTOR SPEED
1 : PCIE GEN 6

CHANNEL/PIN QTY

1: 38P(4X+SB)
2: 74P(8X+SB)
4: 124P(16X+SB)
6: 148P(16X+SB)
A: 38P(6X)
B: 74P(12X)
C: 124P(20X)
D: 148P(24X)

CONTACT FINISH

2: 15u" GOLD
3: 30u" GOLD

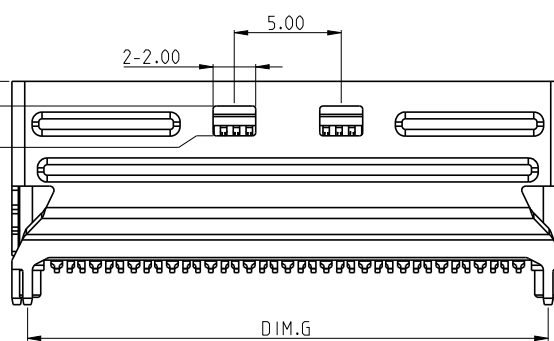
GH10 V 1 X X X X X HR

COMPLIANT CODE
HR: HALOGEN-FREE & RoHS

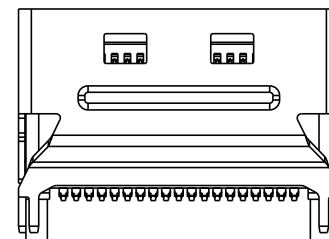
VARIATION CODE
BLANK: STANDARD
W: HOUSING COLOR : NATURAL

PACKING CODE
2: TAPE AND REEL (WITH CAP)
3: TAPE AND REEL (W/O CAP)
5. TAPE AND REEL WITH CUSTOMIZED

SHELL PIN LENGTH OPTION (DIM.A)
1: 1.50mm
2: 2.20mm
3: 3.00mm
4: 4.20mm
5: 1.20mm



FRONT VIEW OF GH10V12XXXXHR/GH10V12XXXXHR



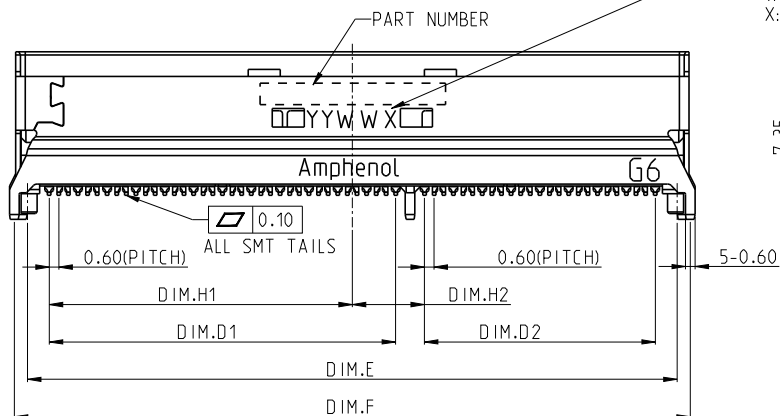
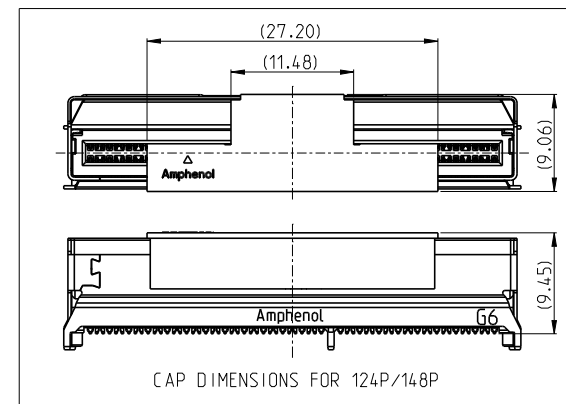
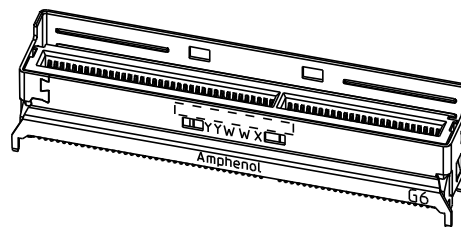
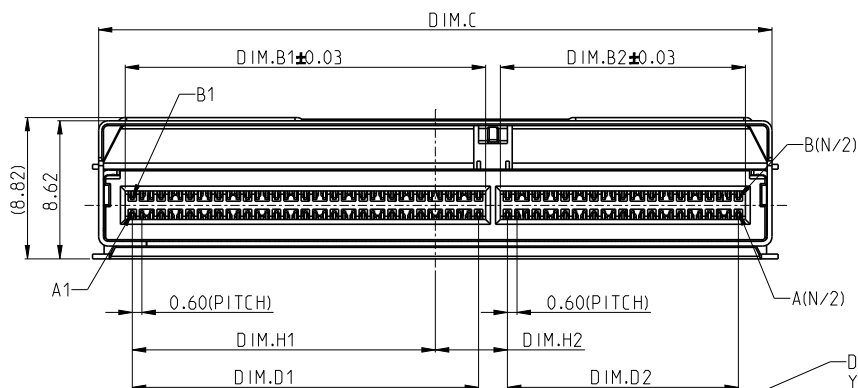
FRONT VIEW OF GH10V11XXXXHR/GH10V1AXXXHR

TOLERANCE	DRAWN	APPROVALS	DATE	TITLE		Amphenol®			
X.	DESIGNED	JOAN LU	2024-12-09	MINI COOL EDGE 10 INTEGRATED CONNECTOR 0.6 PITCH, VERTICAL FOR PCIE 6.0,SMT TYPE		Amphenol Corporation Amphenol Taiwan Corporation			
X.X	CHECKED	Sondra Sang	2024-12-11						
X.XX	APPROVED	Hank Hsu	2024-12-11						
X.XXX									
ANGULAR	±2°								
UNLESS OTHERW ISE SPECIFIED	DWG TYPE	CUST DWG	PROJECT CODE	TXXX					
						UNIT	mm	SIZE	A3
						SCALE	NA	SHEET	1 OF 11
						PART No.	GH10V1XXXXHR		
						DWG No.	GH10V1XXXXHR		
						REV.	AX6		

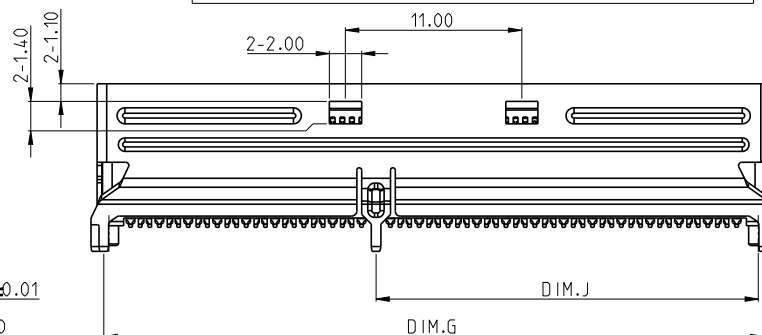
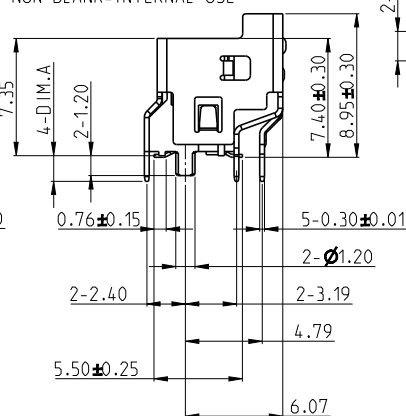
The marking on this product doesn't contain environmental hazardous materials per directive 2011/65/EU & 2015/863/EU for RoHS compliant & per IEC 61249-2-21 for Halogen-Free compliant.



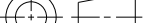
REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	BY
AX4	NE-2478	ADDED GH10Y11XXXXHR FRONT VIEW	2024-08-28	JOAN LU
AX5	NE-24203	UPDATED THE DISPLAY METHOD OF PIN OUT	2024-09-27	JOAN LU
AX6	NE-24270	1.DC CHANGED FROM 4 DIGIT DC TO 5 DIGIT DC 2.ADDED ALL HIGH SPEED CHANNELS OPTIONS INTO PMS 3.ADDED PACKING CODE 5	2024-12-10	JOAN LU



—DATE CODE
YY:YEAR
WW:WORK WEEK
X:BLANK=STANDARD
NON-BLANK=INTERNAL USE



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. I
GH10V14XXXXHR GH10V1CXXXXHR	124	22.48	15.28	42.00	21.60	14.40	40.50	42.15	41.15	18.90	4.50	23.85
GH10V16XXXXHR GH10V1DXXXXHR	148	22.48	22.48	49.20	21.60	21.60	47.70	49.35	48.35	22.50	0.90	23.85

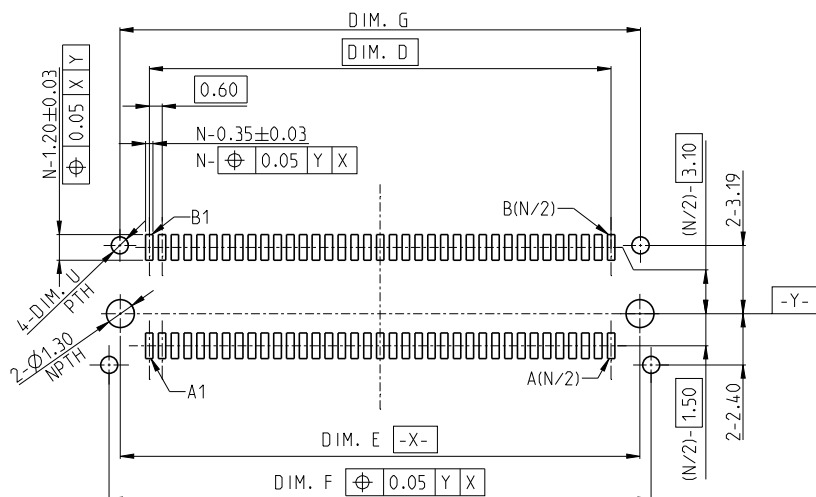
TOLERANCE		DRAWN APPROVALS		DATE		TITLE MINI COOL EDGE IO INTEGRATED CONNECTOR 0.6 PITCH, VERTICAL FOR PCIE 6.0.SMT TYPE		Amphenol® Amphenol Corporation Amphenol Taiwan Corporation			
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10		DESIGNED JOAN LU		2024-12-09							
		CHECKED Sondra Sang		2024-12-11							
		APPROVED Hank Hsu		2024-12-11							
ANGULAR ±2°								UNIT mm SIZE A3		PART No. GH10V1XXXXXHR	
UNLESS OTHERWISE SPECIFIED		DWG TYPE CUST DWG		PROJECT CODE TXXX				SCALE NA SHEET 2 OF 11		DWG No. GH10V1XXXXXHR REV. AX6	

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.



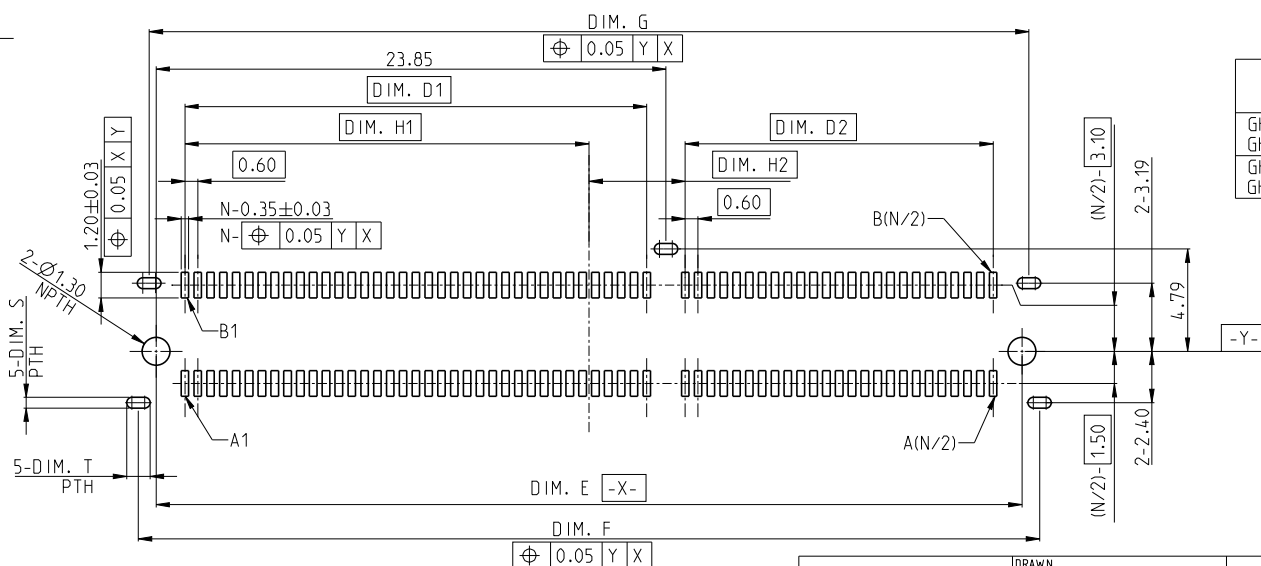
RECOMMENDED PCB LAYOUT
(GENERAL TOLERANCES :+/-0.05)

REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	BY
AX4	NE-2478	ADDED GH10V1XXXXHR FRONT VIEW	2024-08-28	JOAN LU
AX5	NE-24203	UPDATED THE DISPLAY METHOD OF PIN OUT	2024-09-27	JOAN LU
AX6	NE-24270	1.DC CHANGED FROM 4 DIGIT DC TO 5 DIGIT DC 2.ADDED ALL HIGH SPEED CHANNELS OPTIONS INTO PWS 3.ADDED PACKING CODE 5	2024-12-10	JOAN LU



PART NUMBER	POS. (N)	DIM. D	DIM. E	DIM. F	DIM. G
GH10V11XXXXHR GH10V1AXXXXXHR	38	10.80	13.50	14.55	13.55
GH10V12XXXXHR GH10V1RXXXXHR	74	21.60	24.30	25.35	24.35

PART NUMBER (APPLY TO 38P/74P)	DIM. L
GH10V1XX1XXHR	0.8
GH10V1XX2XXHR	
GH10V1XX3XXHR	
GH10V1XX4XXHR	0.95
GH10V1XX5XXHR	0.8



PART NUMBER	POS. (N)	DIM. D1	DIM. D2	DIM. E	DIM. F	DIM. G	DIM. H1	DIM. H2
GH10V14 XXXXHR	124	21.60	14.40	40.50	42.15	41.15	18.90	4.50
GH10V1C XXXXHR								
GH10V16 XXXXHR	148	21.60	21.60	47.70	49.35	48.35	22.50	0.9
GH10V1D XXXXHR								

PART NUMBER	POS. (N)	DIM. S	DIM.
GH10V14 X1XXHR GH10V1C X1XXHR	124	0.5	1.1
GH10V14 X2XXHR GH10V1C X2XXHR			
GH10V14 X3XXHR GH10V1C X3XXHR			
GH10V14 X4XXHR GH10V1C X4XXHR		0.65	1.3
GH10V14 X5XXHR GH10V1C X5XXHR		0.5	1.1
GH10V16 XXXXHR GH10V1C XXXXHR		148	0.65

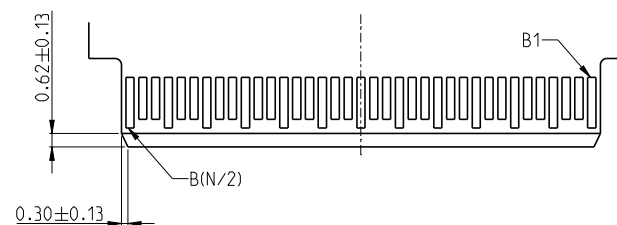
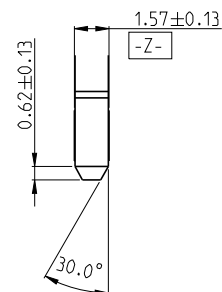
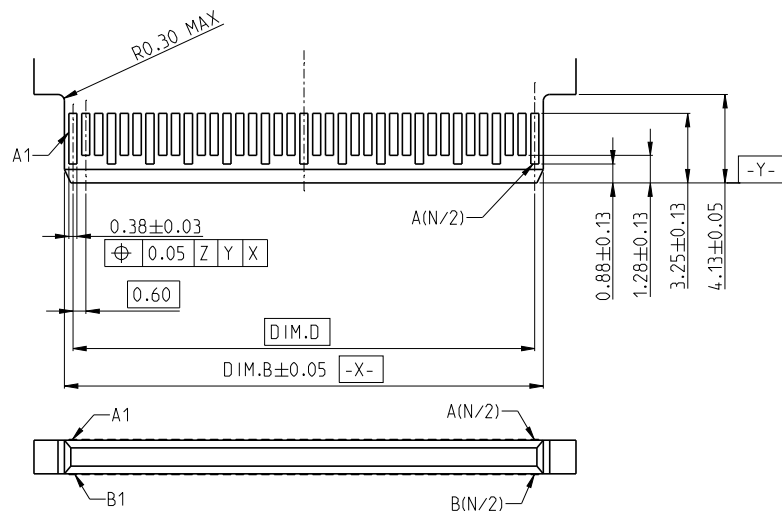
TOLERANCE	APPROVALS	DATE	TITLE MINI COOL EDGE IO INTEGRATED CONNECTOR 0.6 PITCH, VERTICAL FOR PCIE 6.0.SMT TYPE			Amphenol® Amphenol Corporation Amphenol Taiwan Corporation		
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10	DESIGNED JOAN LU	2024-12-09						
	CHECKED Sondra Sang	2024-12-11						
	APPROVED Hank Hsu	2024-12-11						
ANGULAR ±2°				UNIT mm	SIZE A3	PART No. GH10V1XXXXXHR		
UNLESS OTHERWISE SPECIFIED	DWG TYPE CUST DWG	PROJECT CODE TXXX		SCALE NA	SHEET 3 OF 11	DWG No. GH10V1XXXXXHR REV. AX6		

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.

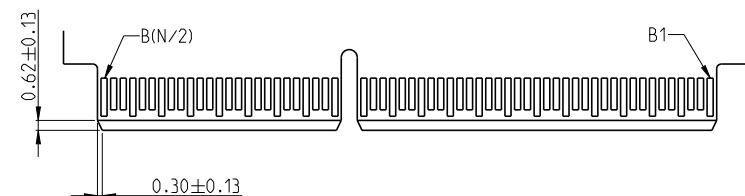
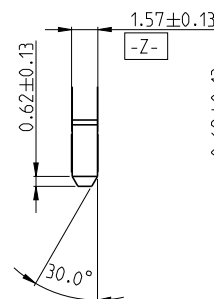
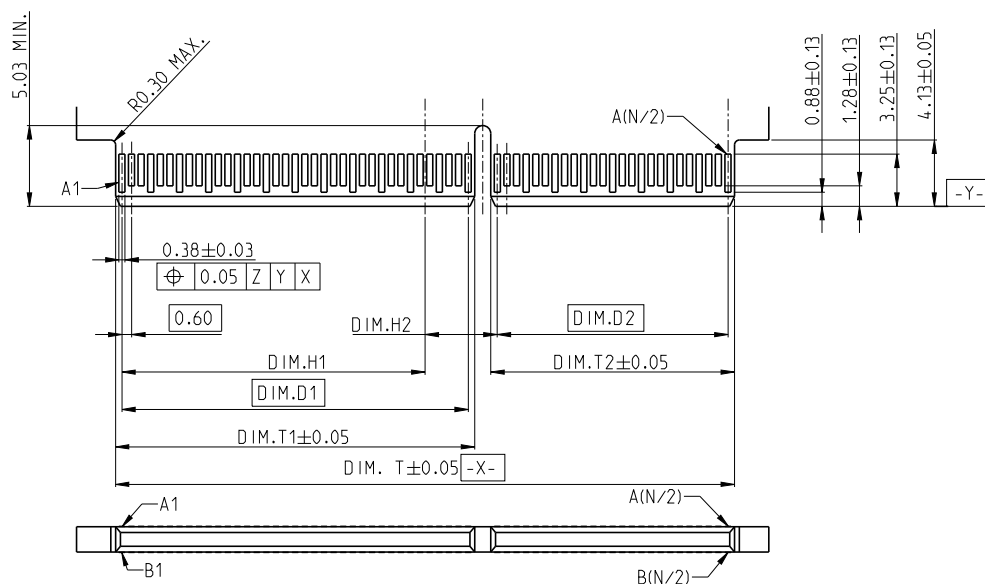


RECOMMENDED AIC MATING CARD DIMENSIONS

REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	BY
AX4	NE-2478	ADDED GH10V11XXXXHR FRONT VIEW	2024-08-28	JOAN LU
AX5	NE-24203	UPDATED THE DISPLAY METHOD OF PIN OUT	2024-09-27	JOAN LU
AX6	NE-24270	1.DC CHANGED FROM 4 DIGIT DC TO 5 DIGIT DC 2.ADDED ALL HIGH SPEED CHANNEL OPTIONS INTO PMS 3.ADDED PACKING CODE 5	2024-12-10	JOAN LU



PART NUMBER	POS. (N)	DIM. B	DIM. I
GH10V11XXXXHR GH10V1AXXXXHR	38	11.6	10.80
GH10V12XXXXHR GH10V1BXXXXHR	74	22.4	21.6



PART NUMBER	POS. (N)	DIM. D1	DIM. D2	DIM. H1	DIM. H2	DIM. T	DIM. T1	DIM. T
GH10V14 XXXXHR GH10V1C XXXXHR	124	21.60	14.40	18.90	4.50	38.6	22.40	15.2
GH10V16 XXXXHR GH10V1D XXXXHR	148	21.60	21.60	22.50	0.90	45.80	22.40	22.40

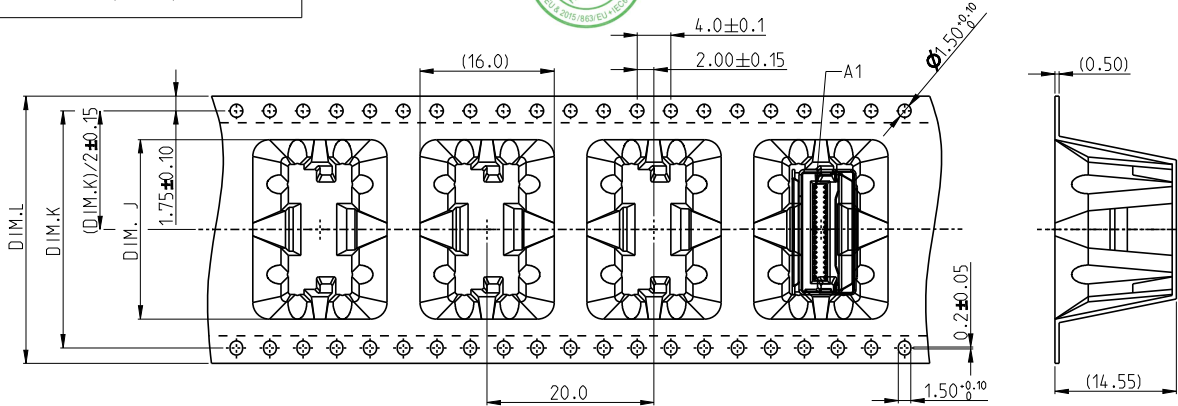
TOLERANCE		DRAWN APPROVALS		DATE		TITLE MINI COOL EDGE IO INTEGRATED CONNECTOR 0.6 PITCH, VERTICAL FOR PCIE 6.0.SMT TYPE				Amphenol® Amphenol Corporation Amphenol Taiwan Corporation					
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10		DESIGNED JOAN LU		2024-12-09											
		CHECKED Sondra Sang		2024-12-11											
		APPROVED Hank Hsu		2024-12-11											
ANGULAR ±2°								UNIT mm		SIZE A3		PART No. GH10V1XXXXXHR			
UNLESS OTHERWISE SPECIFIED		DWG TYPE CUST DWG		PROJECT CODE TXXX				SCALE NA		SHEET 4 OF 11		DWG No. GH10V1XXXXXHR		REV. AX6	

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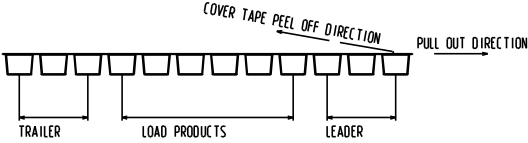
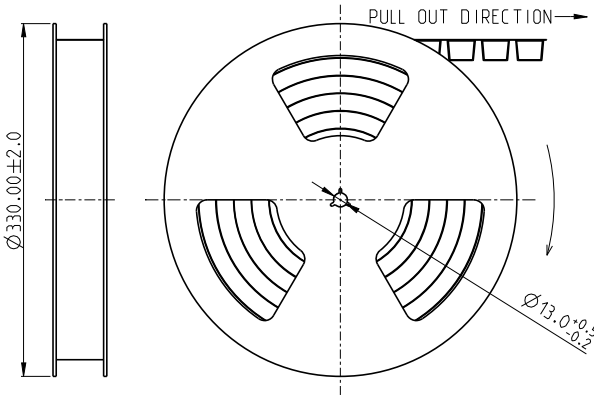
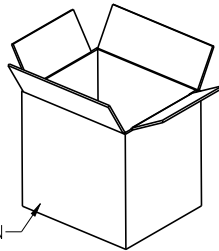
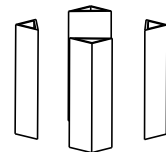
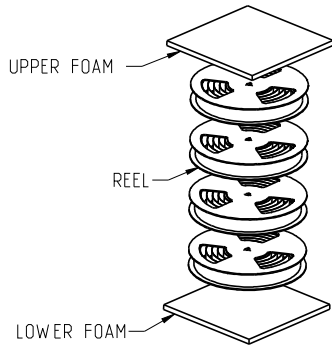
The marking on this product doesn't contain environmental hazardous materials per directive 2011/65/EU & 2015/863/EU for RoHS compliant & per IEC 61249-2-21 for Halogen-Free compliant.



REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	BY
AX4	NE-24178	ADDED GH10V11XXXXHR FRONT VIEW	2024-08-28	JOAN LU
AX5	NE-24203	UPDATED THE DISPLAY METHOD OF PIN OUT	2024-09-27	JOAN LU
AX6	NE-24270	1.DC CHANGED FROM 4 DIGIT DC TO 5 DIGIT DC 2.ADDED ALL HIGH SPEED CHANNELS OPTIONS INTO PWS 3.ADDED PACKING CODE 5	2024-12-10	JOAN LU



PART NUMBER	POS. (N)	DIM. J	DIM. K	DIM. L	PCS /REEL	REEL /CARTON	PCS /CARTON	UPPER FOAM	LOWER FOAM
GH10V11XXXXHR GH10V1AXXXXHR	38	(21.5)	28.4±0.1	32.0±0.3	200	7	1400	NO	YES
GH10V12XXXXHR GH10V1BXXXXHR	74	(34.0)	52.4±0.1	56.0±0.3	200	4	800	YES	YES
GH10V14XXXXHR GH10V1CXXXXHR	124	(39.5)	68.4±0.1	72.0±0.3	200	3	600	YES	YES
GH10V16XXXXHR GH10V1DXXXXHR	148	(57.9)	68.4±0.1	72.0±0.3	200	3	600	YES	YES



NOTE 2:

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

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 MINI COOL EDGE IO INTEGRATED CONNECTOR 0.6 PITCH, VERTICAL FOR PCIE 6.0,SMT TYPE		Amphenol® Amphenol Corporation Amphenol Taiwan Corporation	
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10	DESIGNED JOAN LU	2024-12-09				
	CHECKED Sondra Sang	2024-12-11				
	APPROVED Hank Hsu	2024-12-11				
ANGULAR ±2°	DWG TYPE CUST DWG	PROJECT CODE TXXX	UNIT mm	SIZE A3	PART No. GH10V1XXXXXHR	
UNLESS OTHERWISE SPECIFIED			SCALE NA	SHEET 5 OF 11	DWG No. GH10V1XXXXXHR	REV. AX6

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REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	BY
AX4	NE-24178	ADDED GH10V11XXXXHR FRONT VIEW	2024-08-28	JOAN LU
AX5	NE-24203	UPDATED THE DISPLAY METHOD OF PIN OUT	2024-09-27	JOAN LU
AX6	NE-24270	1.DC CHANGED FROM 4 DIGIT DC TO 5 DIGIT DC 2.ADDED ALL HIGH SPEED CHANNELS OPTIONS INTO PWS 3.ADDED PACKING CODE 5	2024-12-10	JOAN LU

38P PIN ASSIGNMENT					
X4+10 SIDEBAND SOLUTION PIN ASSIGNMENT					
	PIN NUMBER	PIN DEFINITION		PIN NUMBER	PIN DEFINITION
B1	B1	GND		A1	GND
	B2	TX		A2	RX
	B3	TX		A3	RX
B4	B4	GND		A4	GND
	B5	TX		A5	RX
	B6	TX		A6	RX
B7	B7	GND		A7	GND
	B8	SIDEBAND	- - - -	A8	SIDEBAND
	B9	SIDEBAND	- - - -	A9	SIDEBAND
	B10	SIDEBAND	- - - -	A10	SIDEBAND
	B11	SIDEBAND	- - - -	A11	SIDEBAND
	B12	SIDEBAND	- - - -	A12	SIDEBAND
B13	B13	GND		A13	GND
	B14	TX		A14	RX
	B15	TX		A15	RX
B16	B16	GND		A16	GND
	B17	TX		A17	RX
	B18	TX		A18	RX
B19	B19	GND		A19	GND

38P PIN ASSIGNMENT					
X6 SOLUTION PIN ASSIGNMENT					
	PIN NUMBER	PIN DEFINITION		PIN NUMBER	PIN DEFINITION
B1	B1	GND		A1	GND
	B2	TX		A2	RX
	B3	TX		A3	RX
B4	B4	GND		A4	GND
	B5	TX		A5	RX
	B6	TX		A6	RX
B7	B7	GND		A7	GND
	B8	TX		A8	RX
	B9	TX		A9	RX
B10	B10	GND		A10	GND
	B11	TX		A11	RX
	B12	TX		A12	RX
B13	B13	GND		A13	GND
	B14	TX		A14	RX
	B15	TX		A15	RX
B16	B16	GND		A16	GND
	B17	TX		A17	RX
	B18	TX		A18	RX
B19	B19	GND		A19	GND

TOLERANCE		DRAWN APPROVALS		DATE	TITLE MINI COOL EDGE 10 INTEGRATED CONNECTOR 0.6 PITCH, VERTICAL FOR PCIE 6.0,SMT TYPE			Amphenol® Amphenol Corporation Amphenol Taiwan Corporation		
X. X.X X.XX X.XXX	±0.30	DESIGNED	JOAN LU	2024-12-09						
	±0.20	CHECKED	Sondra Sang	2024-12-11						
	±0.10	APPROVED	Hank Hsu	2024-12-11						
ANGULAR ±2°						UNIT mm	SIZE A3	PART No.	GH10V1XXXXXHR	
UNLESS OTHERWISE SPECIFIED		DWG TYPE CUST DWG		PROJECT CODE TXXX		SCALE NA	SHEET 6 OF 11	DWG No.	GH10V1XXXXXHR	REV. AX6

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REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	BY
AX4	NE-24178	ADDED GH10V11XXXXHR FRONT VIEW	2024-08-28	JOAN LU
AX5	NE-24203	UPDATED THE DISPLAY METHOD OF PIN OUT	2024-09-27	JOAN LU
AX6	NE-24270	1.DC CHANGED FROM 4 DIGIT DC TO 5 DIGIT DC 2.ADDED ALL HIGH SPEED CHANNELS OPTIONS INTO PWS 3.ADDED PACKING CODE 5	2024-12-10	JOAN LU

74P PIN ASSIGNMENT				
X8+20SIDE BAND SOLUTION PIN ASSIGNMENT				
PIN NUMBER	PIN DEFINITION		PIN NUMBER	PIN DEFINITION
B1	GND		A1	GND
B2	TX		A2	RX
B3	TX		A3	RX
B4	GND		A4	GND
B5	TX		A5	RX
B6	TX		A6	RX
B7	GND		A7	GND
B8	SIDE BAND	---	A8	SIDE BAND
B9	SIDE BAND	---	A9	SIDE BAND
B10	SIDE BAND	---	A10	SIDE BAND
B11	SIDE BAND	---	A11	SIDE BAND
B12	SIDE BAND	---	A12	SIDE BAND
B13	GND		A13	GND
B14	TX		A14	RX
B15	TX		A15	RX
B16	GND		A16	GND
B17	TX		A17	RX
B18	TX		A18	RX
B19	GND		A19	GND
B20	TX		A20	RX
B21	TX		A21	RX
B22	GND		A22	GND
B23	TX		A23	RX
B24	TX		A24	RX
B25	GND		A25	GND
B26	SIDE BAND	---	A26	SIDE BAND
B27	SIDE BAND	---	A27	SIDE BAND
B28	SIDE BAND	---	A28	SIDE BAND
B29	SIDE BAND	---	A29	SIDE BAND
B30	SIDE BAND	---	A30	SIDE BAND
B31	GND		A31	GND
B32	TX		A32	RX
B33	TX		A33	RX
B34	GND		A34	GND
B35	TX		A35	RX
B36	TX		A36	RX
B37	GND		A37	GND

74P PIN ASSIGNMENT				
X12 SOLUTION PIN ASSIGNMENT				
PIN NUMBER	PIN DEFINITION		PIN NUMBER	PIN DEFINITION
B1	GND		A1	GND
B2	TX		A2	RX
B3	TX		A3	RX
B4	GND		A4	GND
B5	TX		A5	RX
B6	TX		A6	RX
B7	GND		A7	GND
B8	TX		A8	RX
B9	TX		A9	RX
B10	GND		A10	GND
B11	TX		A11	RX
B12	TX		A12	RX
B13	GND		A13	GND
B14	TX		A14	RX
B15	TX		A15	RX
B16	GND		A16	GND
B17	TX		A17	RX
B18	TX		A18	RX
B19	GND		A19	GND
B20	TX		A20	RX
B21	TX		A21	RX
B22	GND		A22	GND
B23	TX		A23	RX
B24	TX		A24	RX
B25	GND		A25	GND
B26	TX		A26	RX
B27	TX		A27	RX
B28	GND		A28	GND
B29	TX		A29	RX
B30	TX		A30	RX
B31	GND		A31	GND
B32	TX		A32	RX
B33	TX		A33	RX
B34	GND		A34	GND
B35	TX		A35	RX
B36	TX		A36	RX
B37	GND		A37	GND

TOLERANCE	DRAWN APPROVALS	DATE	TITLE MINI COOL EDGE 10 INTEGRATED CONNECTOR 0.6 PITCH, VERTICAL FOR PCIE 6.0,SMT TYPE		Amphenol® Amphenol Corporation Amphenol Taiwan Corporation			
X.X ±0.30	DESIGNED JOAN LU	2024-12-09						
X.XX ±0.20	CHECKED Sondra Sang	2024-12-11						
X.XXX ±0.10	APPROVED Hank Hsu	2024-12-11						
ANGULAR ±2°	DWG TYPE CUST DWG	PROJECT CODE TXXX		UNIT mm	SIZE A3	PART No.	GH10V1XXXXXHR	
UNLESS OTHERWISE SPECIFIED				SCALE NA	SHEET 6 OF 11	DWG No.	GH10V1XXXXXHR	
						REV.	AX6	

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REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	BY
AX4	NE-24178	ADDED GH10V11XXXXHR FRONT VIEW	2024-08-28	JOAN LU
AX5	NE-24203	UPDATED THE DISPLAY METHOD OF PIN OUT	2024-09-27	JOAN LU
AX6	NE-24270	1.DC CHANGED FROM 4 DIGIT DC TO 5 DIGIT DC 2.ADDED ALL HIGH SPEED CHANNELS OPTIONS INTO PWS 3.ADDED PACKING CODE 5	2024-12-10	JOAN LU

124P PIN ASSIGNMENT														
X16+20SIDE BAND SOLUTION PIN ASSIGNMENT														
PIN NUMBER			PIN DEFINITION						PIN NUMBER			PIN DEFINITION		
B1		B1		GND					A1					
		B2												
		B3												
B4		B4		TX					A4					
		B5												
		B6												
B7		B7		GND					A7					
		B8												
		B9												
B10		B10		SIDE BAND					A10					
		B11												
		B12												
B13		B13		GND					A13					
		B14												
		B15												
B16		B16		TX					A16					
		B17												
		B18												
B19		B19		GND					A19					
		B20												
		B21												
B22		B22		TX					A22					
		B23												
		B24												
B25		B25		GND					A25					
		B26												
		B27												
B28		B28		SIDE BAND					A28					
		B29												
		B30												
B31		B31		SIDE BAND					A31					
		B32												
		B33												
B34		B34		GND					A34					
		B35												
		B36												
B37		B37		GND					A37					

TOLERANCE		DRAWN APPROVALS		DATE		TITLE			Amphenol® Amphenol Corporation Amphenol Taiwan Corporation						
X. X.X X.XX X.XXX	±0.30 ±0.20 ±0.10	DESIGNED	JOAN LU	2024-12-09		MINI COOL EDGE IO INTEGRATED CONNECTOR 0.6 PITCH, VERTICAL FOR PCIE 6.0.SMT TYPE									
		CHECKED	Sondra Sang	2024-12-11											
		APPROVED	Hank Hsu	2024-12-11											
ANGULAR ±2°		DWG TYPE		PROJECT CODE				UNIT	mm	SIZE	A3	PART No.	GH10V1XXXXXHR		
UNLESS OTHERWISE SPECIFIED		CUST DWG		TXXX				SCALE	NA	SHEET	11 OF 11	DWG No.	GH10V1XXXXXHR	REV.	AX6

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REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	BY
AX4	NE-24178	ADDED GH10V11XXXXHR FRONT VIEW	2024-08-28	JOAN LU
AX5	NE-24203	UPDATED THE DISPLAY METHOD OF PIN OUT	2024-09-27	JOAN LU
AX6	NE-24270	1.DC CHANGED FROM 4 DIGIT DC TO 5 DIGIT DC 2.ADDED ALL HIGH SPEED CHANNELS OPTIONS INTO PWS 3.ADDED PACKING CODE 5	2024-12-10	JOAN LU

124P PIN ASSIGNMENT														
X20 SOLUTION PIN ASSIGNMENT														
PIN NUMBER			PIN DEFINITION						PIN NUMBER			PIN DEFINITION		
B1		B1			GND				A1					
		B2			TX									
		B3			TX									
B4		B4			GND				A4					
		B5			TX									
		B6			TX									
B7		B7			GND				A7					
		B8			TX									
		B9			TX									
B10		B10			GND				A10					
		B11			TX									
		B12			TX									
B13		B13			GND				A13					
		B14			TX									
		B15			TX									
B16		B16			GND				A16					
		B17			TX									
		B18			TX									
B19		B19			GND				A19					
		B20			TX									
		B21			TX									
B22		B22			GND				A22					
		B23			TX									
		B24			TX									
B25		B25			GND				A25					
		B26			TX									
		B27			TX									
B28		B28			GND				A28					
		B29			TX									
		B30			TX									
B31		B31			GND				A31					
		B32			TX									
		B33			TX									
B34		B34			GND				A34					
		B35			TX									
		B36			TX									
B37		B37			GND				A37					

TOLERANCE		APPROVALS		DATE	TITLE MINI COOL EDGE 10 INTEGRATED CONNECTOR 0.6 PITCH, VERTICAL FOR PCIE 6.0,SMT TYPE			Amphenol® Amphenol Corporation Amphenol Taiwan Corporation						
X. X.X X.XX X.XXX ANGULAR	±0.30 ±0.20 ±0.10 ±2°	DESIGNED	JOAN LU	2024-12-09										
		CHECKED	Sondra Sang	2024-12-11										
		APPROVED	Hank Hsu	2024-12-11										
UNLESS OTHERWISE SPECIFIED		DWG TYPE	CUST DWG	PROJECT CODE	TXXX		UNIT	mm	SIZE	A3	PART No.	GH10V1XXXXXHR		
							SCALE	NA	SHEET	7 OF 11	DWG No.	GH10V1XXXXXHR	REV.	AX6

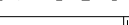
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REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	BY
AX4	NE-24178	ADDED GH10V1XXXXHR FRONT VIEW	2024-08-28	JOAN LU
AX5	NE-24203	UPDATED THE DISPLAY METHOD OF PIN OUT	2024-09-27	JOAN LU
AX6	NE-24270	1.DC CHANGED FROM 4 DIGIT DC TO 5 DIGIT DC 2.ADDED ALL HIGH SPEED CHANNELS OPTIONS INTO PWS 3.ADDED PACKING CODE 5	2024-12-10	JOAN LU

148P PIN ASSIGNMENT														
X16*40 SIDEBAND SOLUTION PIN ASSIGNMENT														
PIN NUMBER			PIN DEFINITION						PIN NUMBER			PIN DEFINITION		
B1		B1		GND					A1		B38		GND	A38
		B2												
		B3												
B4		B4		GND					A4		B41		RX	A41
		B5												
		B6												
B7		B7		GND					A7		B44		GND	A44
		B8												
		B9												
B13		B10		SIDE BAND					A10		B45		SIDE BAND	A45
		B11												
		B12												
B16		B13		GND					A13		B50		GND	A50
		B14												
		B15												
B19		B16		GND					A16		B53		GND	A53
		B17												
		B18												
B22		B19		GND					A19		B56		GND	A56
		B20												
		B21												
B25		B22		GND					A22		B59		GND	A59
		B23												
		B24												
B31		B25		GND					A25		B62		GND	A62
		B26												
		B27												
B34		B28		SIDE BAND					A28		B63		SIDE BAND	A63
		B29												
		B30												
B37		B31		GND					A31		B68		GND	A68
		B32												
		B33												
B37		B34		GND					A34		B71		GND	A71
		B35												
		B36												
B37		B37		GND					A37		B74		GND	A74

TOLERANCE		DRAWN APPROVALS		DATE		TITLE			Amphenol®									
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10	ANGULAR ±2°	DESIGNED		JOAN LU		2024-12-09		MINI COOL EDGE IO INTEGRATED CONNECTOR 0.6 PITCH, VERTICAL FOR PCIE 6.0,SMT TYPE										
		CHECKED		Sondra Sang		2024-12-11												
		APPROVED		Hank Hsu		2024-12-11												
UNLESS OTHERWISE SPECIFIED		DWG TYPE		CUST DWG		PROJECT CODE		TXXX				UNIT	mm	SIZE	A3	PART No.	GH10V1XXXXXHR	
										SCALE	NA	SHEET	9 OF 11	DWG No.	GH10V1XXXXXHR		REV.	AX6

