

PART NUMBER
SEE TABLE

REVISIONS				
REV.	DESCRIPTION	EC #	DATE	DRAWN
F	ADDED SHEET W/O ALIGNMENT POSTS	N/A	07/05/2022	GQUIGLEY

NOTES:

1 MATERIAL
HOUSING: HIGH TEMPERATURE THERMOPLASTIC
CONTACT: COPPER ALLOY
CONTACT PLATING: UNDERPLATE WITH NICKEL
HARD GOLD IN MATING AREA
PURE MATTE TIN ON CONTACT TAIL

2. PLEASE REFER TO PRODUCT SPECIFICATION FOR MECHANICAL AND ELECTRICAL SPECIFICATION.

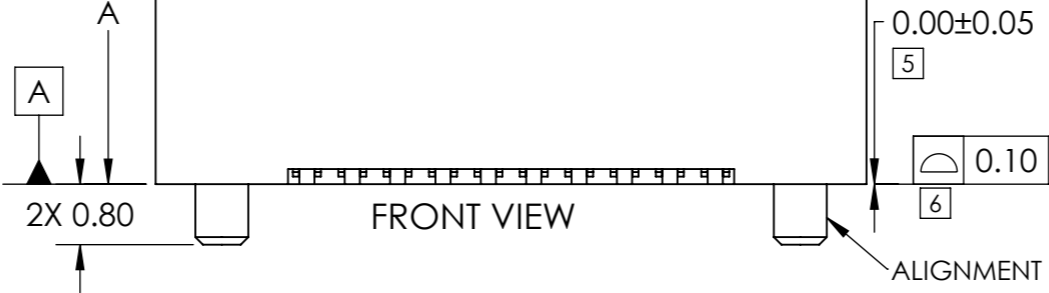
3 DATUM B IS DEFINED AS THE PLANE INTERSECTING THE $\phi 0.700$ mm POST AND PARALLEL TO DATUM D.

4 DATUM C IS DEFINED AS THE PLANE INTERSECTING THE $\phi 0.700$ mm POST AND PERPENDICULAR TO DATUM B.

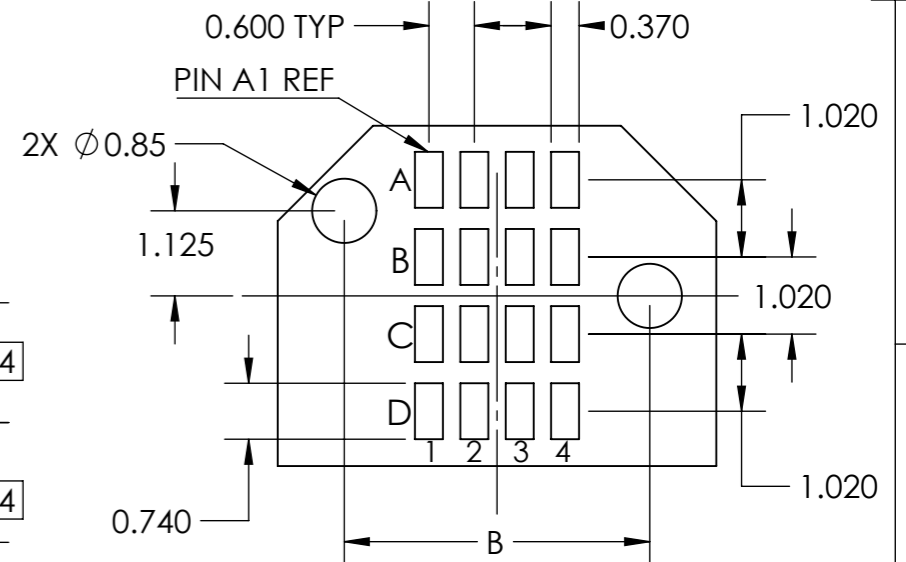
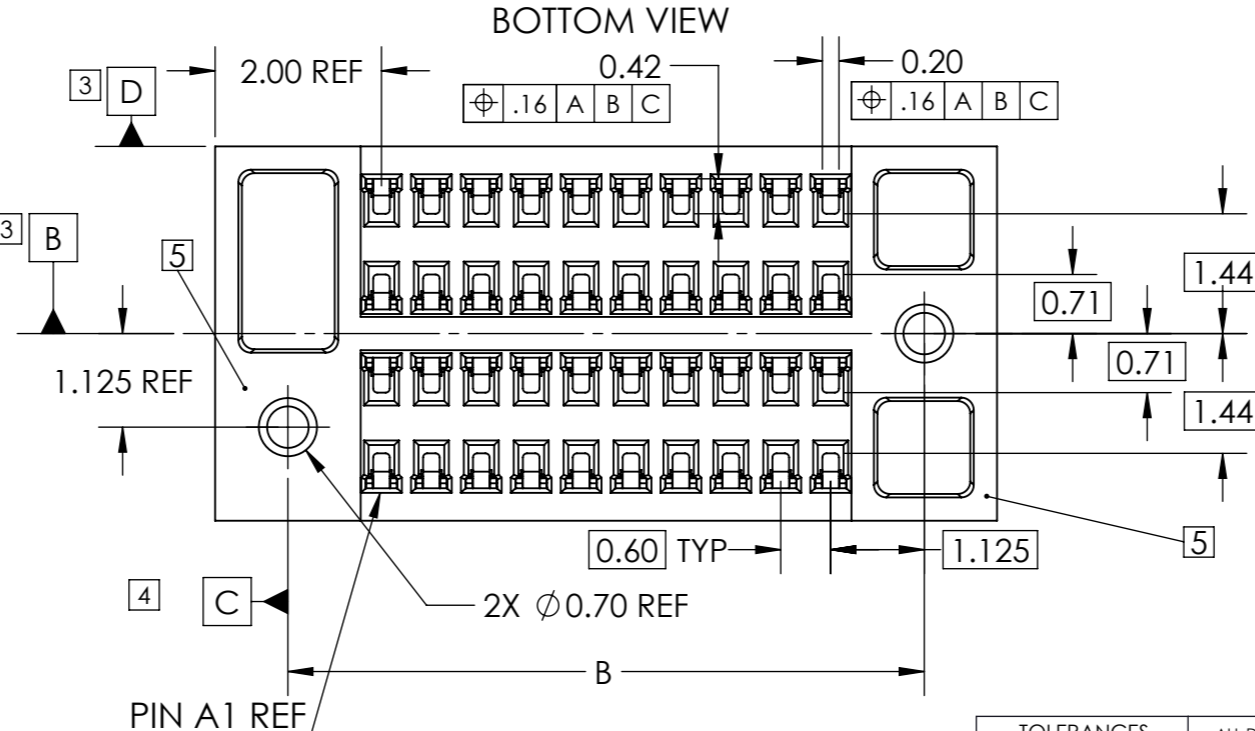
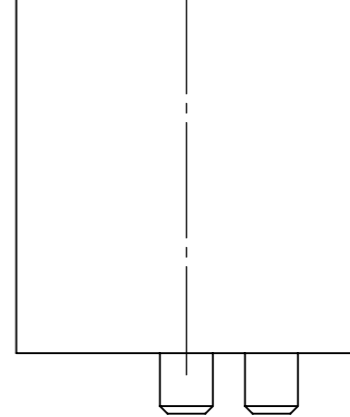
5 THIS DIMENSION IS MEASURED (FOR EACH SOLDER LEAD) AS THE DEVIATION FROM A BEST-FIT PLANE CREATED FROM THE SURFACES REFERENCED AT THE ENDS OF THE PART.

6 THIS DIMENSION IS MEASURED (FOR EACH SOLDER LEAD) AS THE DEVIATION FROM A BEST-FIT PLANE CREATED FROM ALL THE SOLDER LEADS.

7. REGULATIONS
A. THIS PRODUCT MEETS THE RESTRICTION OF HAZARDOUS SUBSTANCES DIRECTIVE (RoHS) 2011 65 EU



RIGHT VIEW



RECOMMENDED PCB PAD LAYOUT
(PARTIAL VIEW SHOWN FOR CLARITY)

WITH ALIGNMENT POSTS

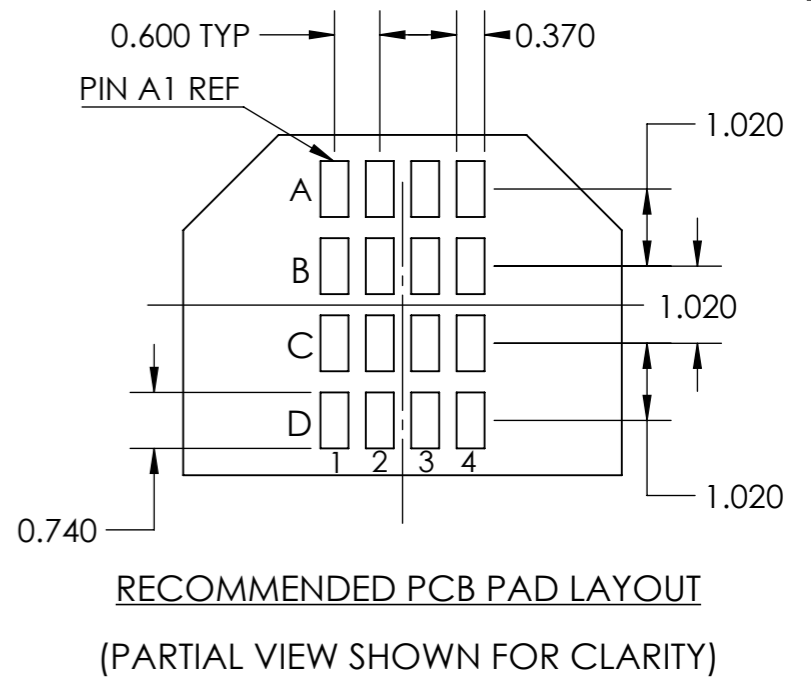
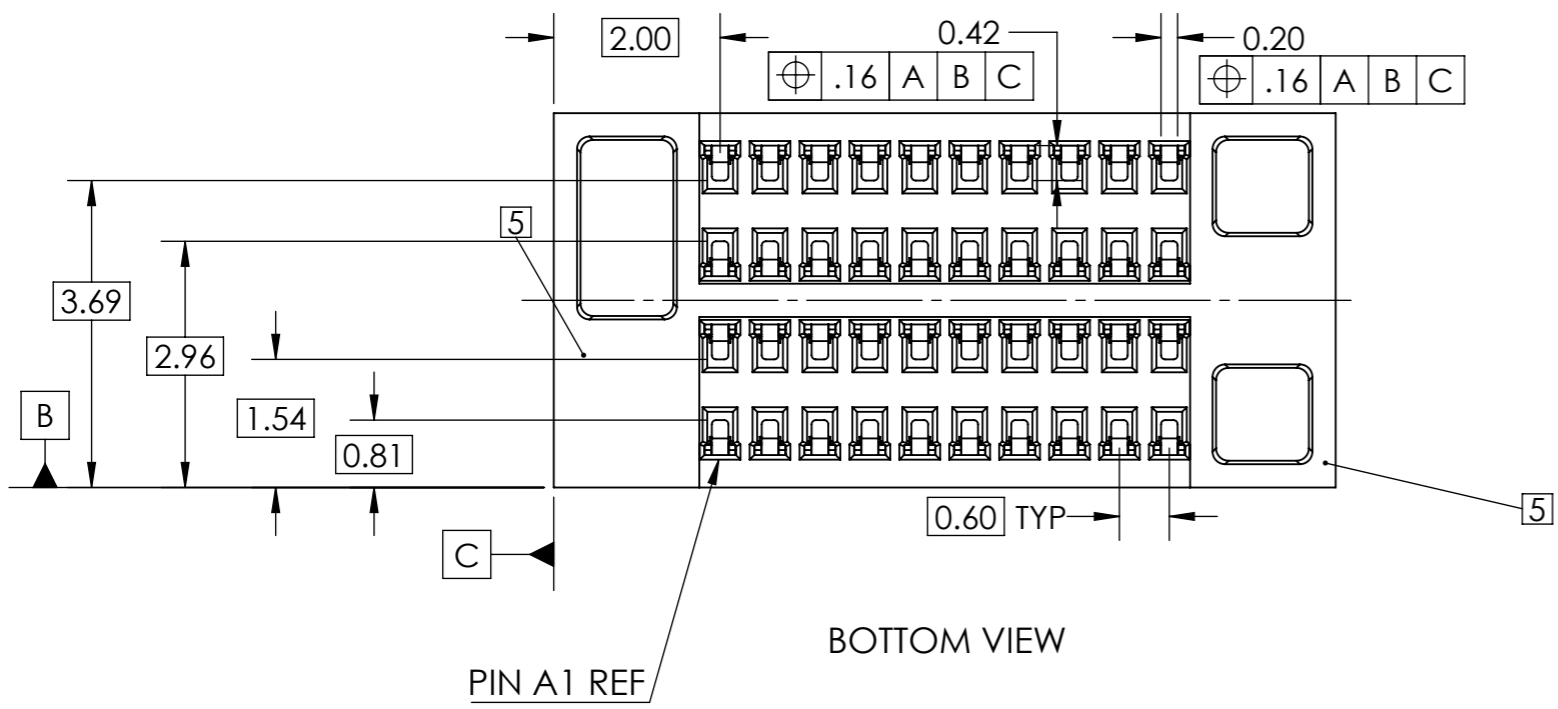
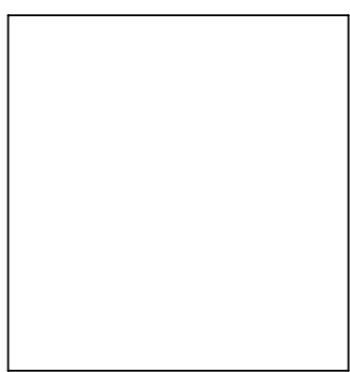
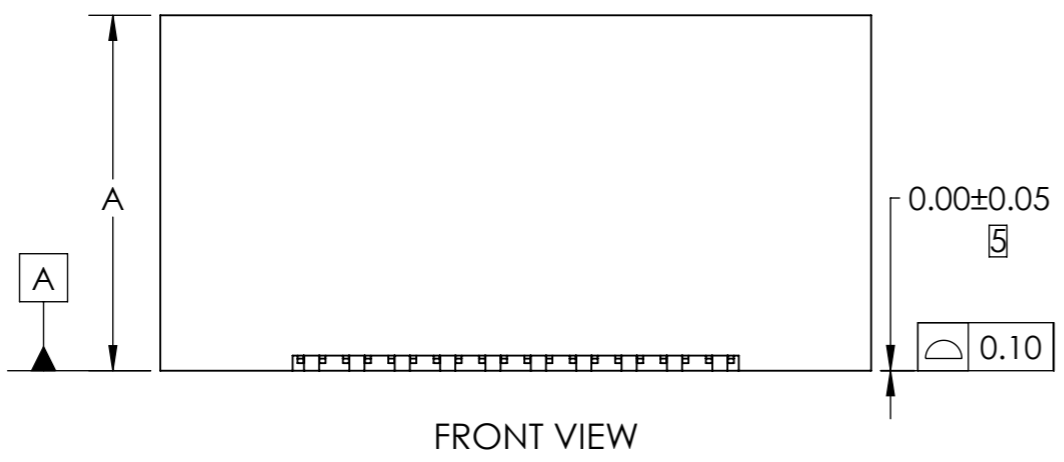
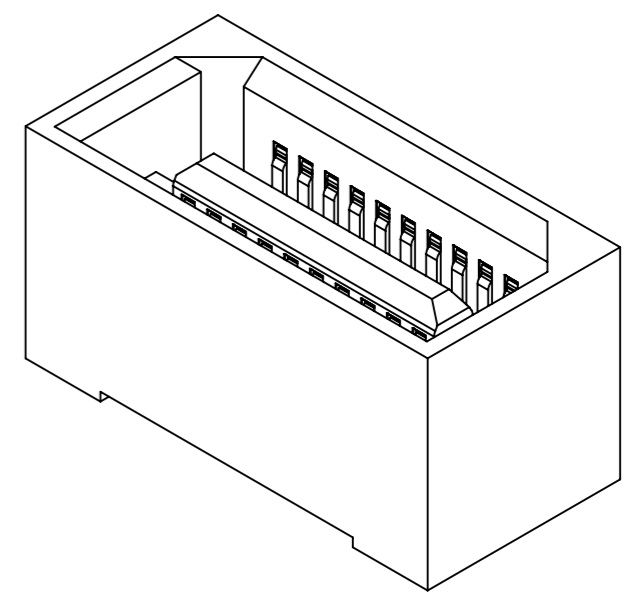
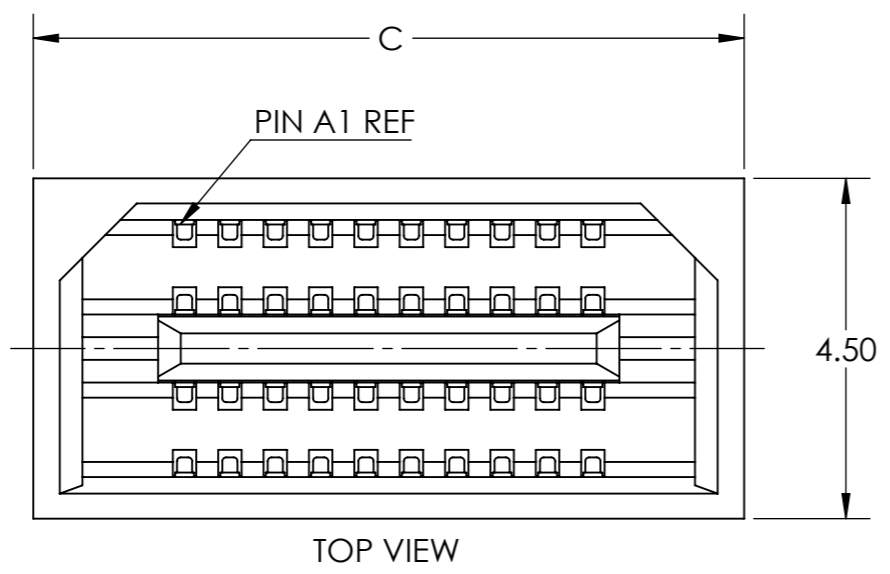
TOLERANCES UNLESS SPECIFIED OTHERWISE .XXX ± 0.05 .XX ± 0.13 .X ± 0.3 ANGLES ± 1°	ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5M ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED	PART 0.6mm PITCH LYNX PLUG ASSEMBLY		DRAWING 11826C CUSTOMER	
		THIRD ANGLE PROJECTION	INSPECTION ◇ FIRST PIECE ○ IN-PROCESS △ SPC	DRAWN ENGR/APV	DATE 10/29/2020
		SCALE 10:1	REV F	SHEET 1 OF 5	

Amphenol 825 OLD TRAIL ROAD
ETTERS, PA 17319
AMPHENOL INTERCON SYSTEMS INC. 717-915-1400

8 7 6 5 4 3 2 1

F
E
D
C
B
A

F
E
D
C
B
A



TOLERANCES UNLESS SPECIFIED OTHERWISE .XXX ± 0.05 .XX ± 0.13 .X ± 0.3 ANGLES ± 1°	ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5M ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED		PART 0.6mm PITCH LYNX PLUG ASSEMBLY		DRAWING 11826C CUSTOMER	
	THIRD ANGLE PROJECTION 	INSPECTION ◇ FIRST PIECE ○ IN-PROCESS △ SPC	DRAWN ENGR/APV	DATE 10/29/2020	DEPT NO 45	REV F

Amphenol 825 OLD TRAIL ROAD
 ETTERS, PA 17319
 AMPHENOL INTERCON SYSTEMS INC. 717-915-1400

F

E

D

C

B

A

TABLE 1 - WITH ALIGNMENT PINS

PART NUMBER	PART DESCRIPTION	NO. OF POSITIONS	DIM B	DIM C
11826-XAA	PLUG ASSEMBLY, 10 POSITION, W/ ALIGNMENT PINS	10	7.65	9.40
11826-XBA	PLUG ASSEMBLY, 20 POSITION, W/ ALIGNMENT PINS	20	13.65	15.40
11826-XCA	PLUG ASSEMBLY, 30 POSITION, W/ ALIGNMENT PINS	30	19.65	21.40
11826-XDA	PLUG ASSEMBLY, 40 POSITION, W/ ALIGNMENT PINS	40	25.65	27.40
11826-XEA	PLUG ASSEMBLY, 50 POSITION, W/ ALIGNMENT PINS	50	31.65	33.40
11826-XFA	PLUG ASSEMBLY, 60 POSITION, W/ ALIGNMENT PINS	60	37.65	39.40
11826-XGA	PLUG ASSEMBLY, 70 POSITION, W/ ALIGNMENT PINS	70	43.65	45.40
11826-XHA	PLUG ASSEMBLY, 15 POSITION, W/ ALIGNMENT PINS	15	10.65	12.40
11826-XJA	PLUG ASSEMBLY, 3 POSITION, W/ ALIGNMENT PINS	3	3.45	5.20

TABLE 2 - WITHOUT ALIGNMENT PINS

PART NUMBER	PART DESCRIPTION	NO. OF POSITIONS	DIM B	DIM C
11826-XAB	PLUG ASSEMBLY, 10 POSITION, W/O ALIGNMENT PINS	10	7.65	9.40
11826-XBB	PLUG ASSEMBLY, 20 POSITION, W/O ALIGNMENT PINS	20	13.65	15.40
11826-XCB	PLUG ASSEMBLY, 30 POSITION, W/O ALIGNMENT PINS	30	19.65	21.40
11826-XDB	PLUG ASSEMBLY, 40 POSITION, W/O ALIGNMENT PINS	40	25.65	27.40
11826-XEB	PLUG ASSEMBLY, 50 POSITION, W/O ALIGNMENT PINS	50	31.65	33.40
11826-XFB	PLUG ASSEMBLY, 60 POSITION, W/O ALIGNMENT PINS	60	37.65	39.40
11826-XGB	PLUG ASSEMBLY, 70 POSITION, W/O ALIGNMENT PINS	70	43.65	45.40
11826-XHB	PLUG ASSEMBLY, 15 POSITION, W/O ALIGNMENT PINS	15	10.65	12.40
11826-XJB	PLUG ASSEMBLY, 3 POSITION, W/O ALIGNMENT PINS	3	3.45	5.20

TABLE 3 - PLUG CONNECTOR HEIGHT

PART NUMBER	STACK HEIGHT	DIM A
11826-AXX	4MM	3.7
11826-BXX	5MM	4.7
11826-CXX	6MM	5.7
11826-DXX	7MM	6.7
11826-EXX	8MM	7.7
11826-FXX	9MM	8.7
11826-GXX	10MM	9.7
11826-JXX	10MM	9.7

11826X X X

A: WITH ALIGNMENT PINS
B: WITHOUT ALIGNMENT PINS

	MATED HEIGHT		NO POS X4
A	04	A	10
B	05	B	20
C	06	C	30
D	07	D	40
E	08	E	50
F	09	F	60
G	10	G	70
		*H	15
		J	3

*ONLY AVAILABLE FOR 8MM MATED HEIGHT

EXAMPLE SHOWN:

5mm STACK HEIGHT, 10 POS, WITH ALIGNMENT PINS = 11826 - BAA

TOLERANCES
UNLESS SPECIFIED OTHERWISE
.XXX ± 0.05
.XX ± 0.13
.X ± 0.3
ANGLES ± 1°

ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5M
ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED

THIRD ANGLE PROJECTION
INSPECTION
◇ FIRST PIECE
○ IN-PROCESS
△ SPC

Amphenol 825 OLD TRAIL ROAD
ETTERS, PA 17319
AMPHENOL INTERCON SYSTEMS INC. 717-915-1400

PART 0.6mm PITCH LYNX PLUG ASSEMBLY		DRAWING 11826C	
DRAWN		DATE 10/29/2020	DEPT NO 45
ENGR/APV	DATE	SCALE 10:1	REV F
		SHEET 3 OF 5	A3

8

7

6

5

4

3

2

1

F

E

D

C

B

A

F

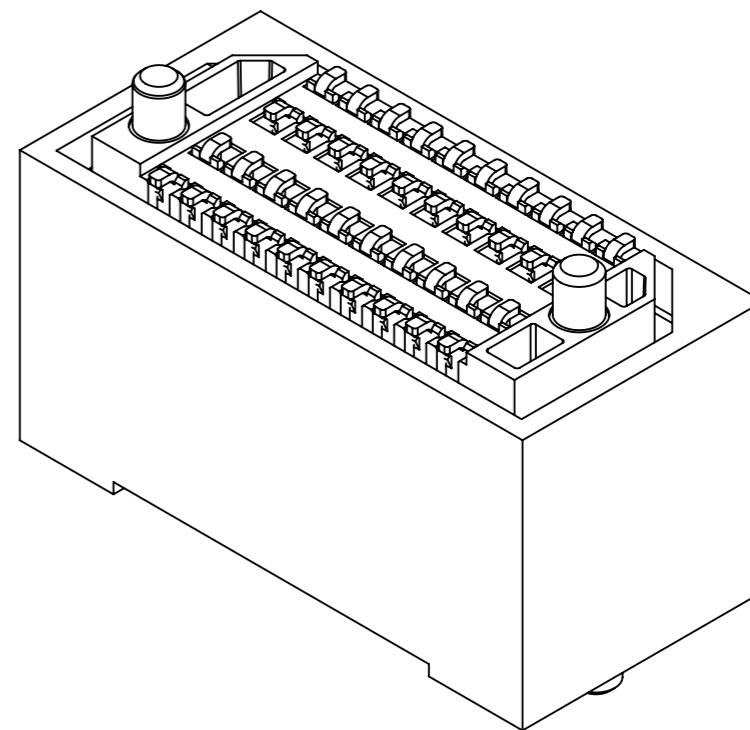
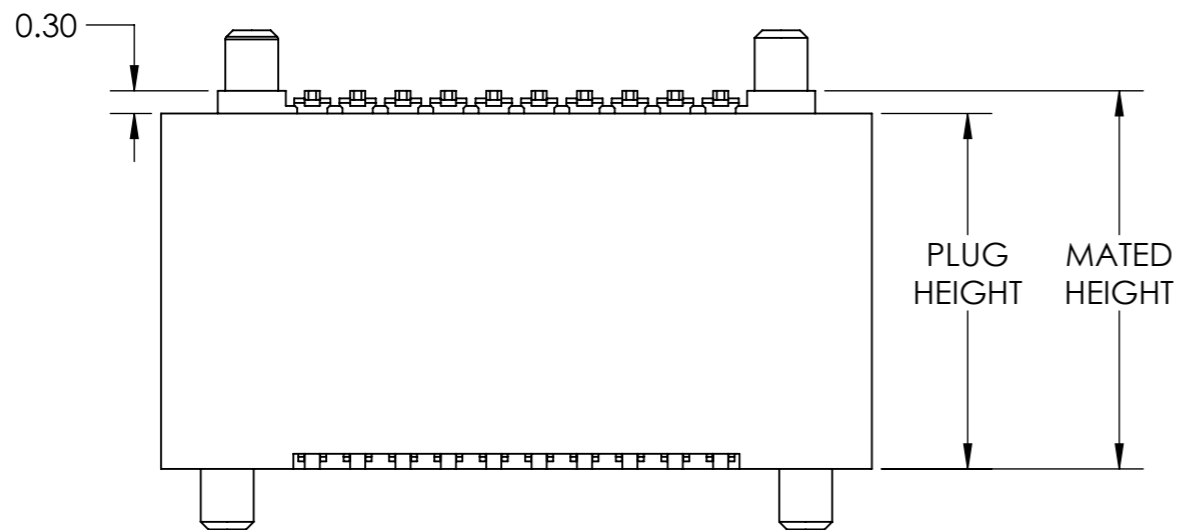
E

D

C

B

A



	MATED HEIGHT	PLUG HEIGHT
A	04	3.70
B	05	4.70
C	06	5.70
D	07	6.70
E	08	7.70
F	09	8.70
G	10	9.70

WITH ALIGNMENT POSTS

Amphenol 825 OLD TRAIL ROAD ETTERS, PA 17319 AMPHENOL INTERCON SYSTEMS INC. 717-915-1400		PART		DRAWING	
		0.6mm PITCH LYNX PLUG ASSEMBLY		11826C CUSTOMER	
DRAWN	DATE	DEPT NO	REV	A3 SHEET 4 OF 5	
ENGR/APV	DATE	45	F		

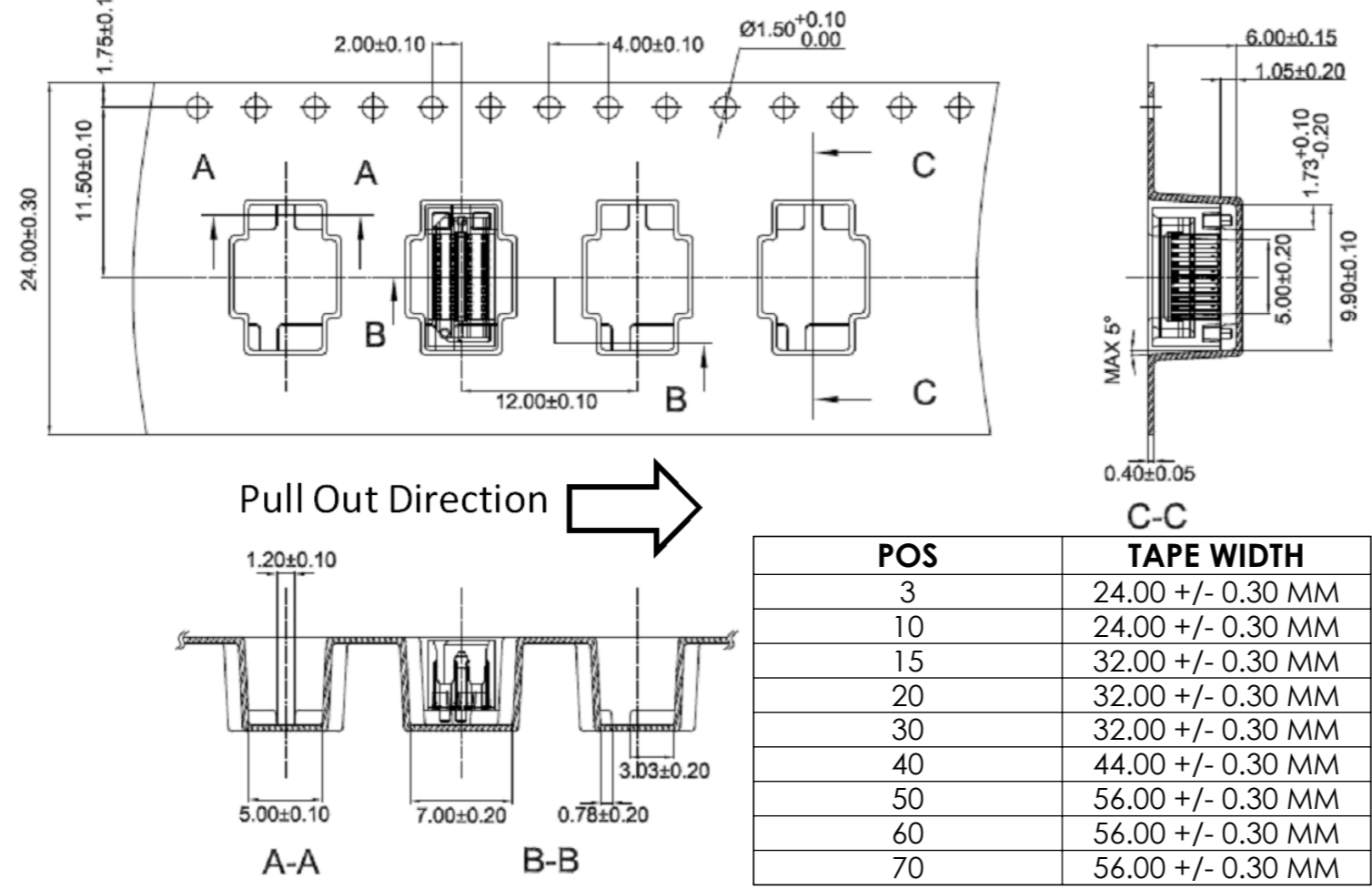
TOLERANCES UNLESS SPECIFIED OTHERWISE .XXX ± 0.05 .XX ± 0.13 .X ± 0.3 ANGLES ± 1°	ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5M ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED		THIRD ANGLE PROJECTION 	INSPECTION ◇ FIRST PIECE ○ IN-PROCESS △ SPC
	THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION OF AMPHENOL INTERCON SYSTEMS AND MAY NOT BE DISCLOSED, REPRODUCED OR OTHERWISE USED WITHOUT WRITTEN PERMISSION			

6

5

4

TAPE AND REEL PACKAGING

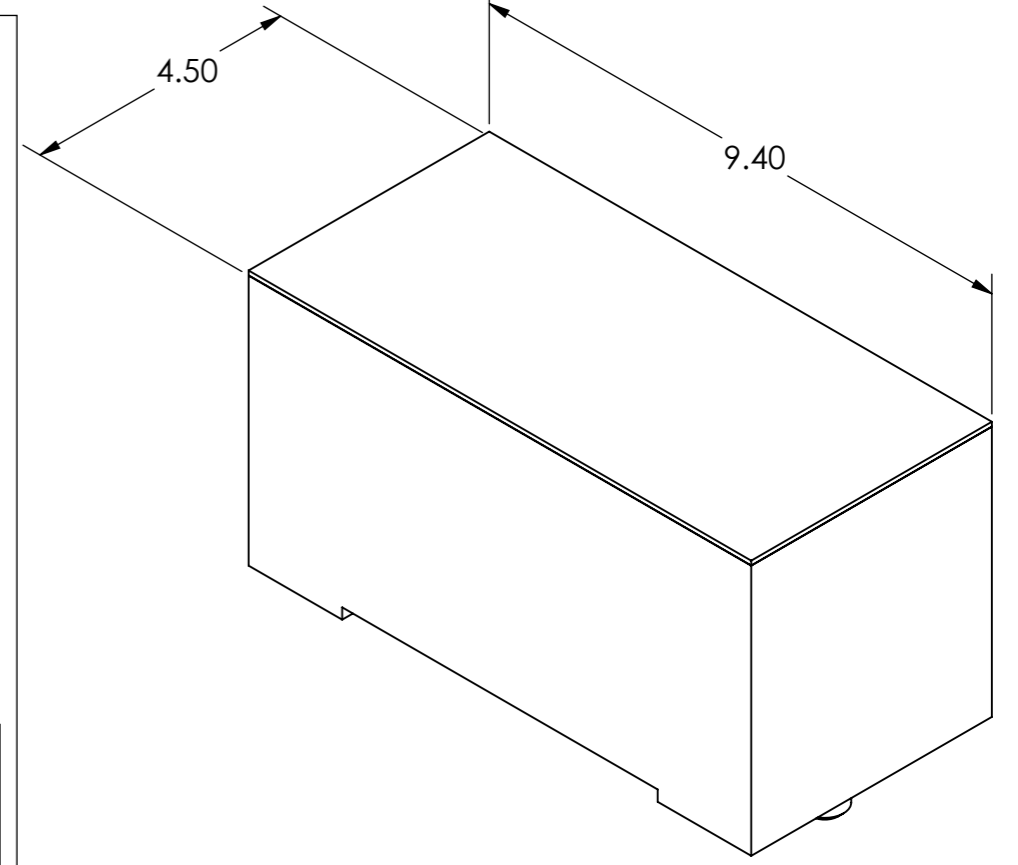


Pull Out Direction

POS	TAPE WIDTH
3	24.00 +/- 0.30 MM
10	24.00 +/- 0.30 MM
15	32.00 +/- 0.30 MM
20	32.00 +/- 0.30 MM
30	32.00 +/- 0.30 MM
40	44.00 +/- 0.30 MM
50	56.00 +/- 0.30 MM
60	56.00 +/- 0.30 MM
70	56.00 +/- 0.30 MM

*5MM PLUG10 POSITION TAPE AND REEL SHOWN

KAPTON TAPE



KAPTON TAPE			
POS	LENGTH	WIDTH	THICKNESS
3	5.20 MM	4.5 MM	0.08 MM
10	9.40 MM	4.5 MM	0.08 MM
15	12.40MM	4.5 MM	0.08 MM
20	15.40 MM	4.5 MM	0.08 MM
30	21.40 MM	4.5 MM	0.08 MM
40	27.40 MM	4.5 MM	0.08 MM
50	33.40 MM	4.5 MM	0.08 MM
60	39.40 MM	4.5 MM	0.08 MM
70	45.40 MM	4.5 MM	0.08 MM

WITH ALIGNMENT POSTS

TOLERANCES UNLESS SPECIFIED OTHERWISE .XXX ± 0.05 .XX ± 0.13 X ± 0.3 ANGLES ± 1°	ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5M ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED		PART 0.6mm PITCH LYNX PLUG ASSEMBLY		DRAWING 11826C CUSTOMER	
	THIRD ANGLE PROJECTION 	INSPECTION ◇ FIRST PIECE ○ IN-PROCESS △ SPC	DRAWN ENGR/APV	DATE 10/29/2020	DEPT NO 45	REV F
				SHEET 5 OF 5		A3

Amphenol 825 OLD TRAIL ROAD
 ETTERS, PA 17319
 AMPHENOL INTERCON SYSTEMS INC. 717-915-1400