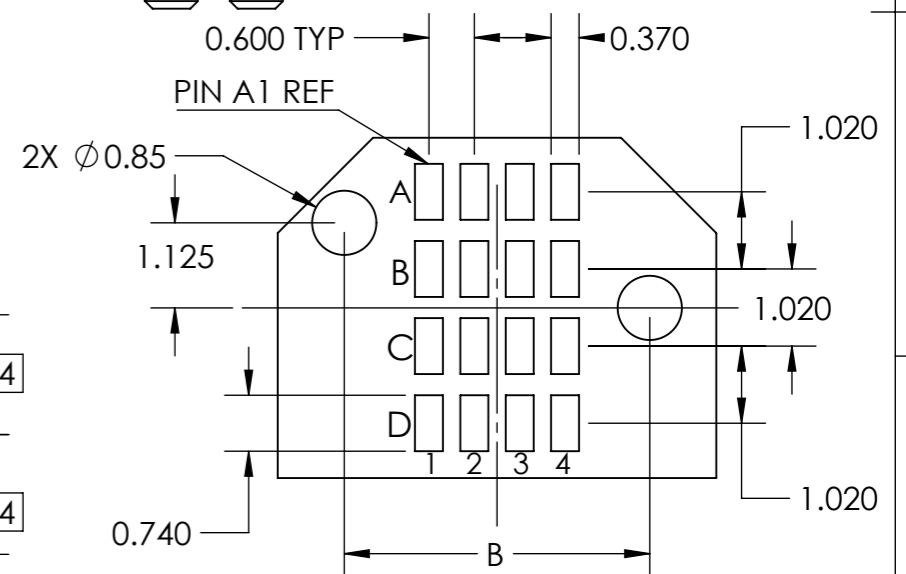
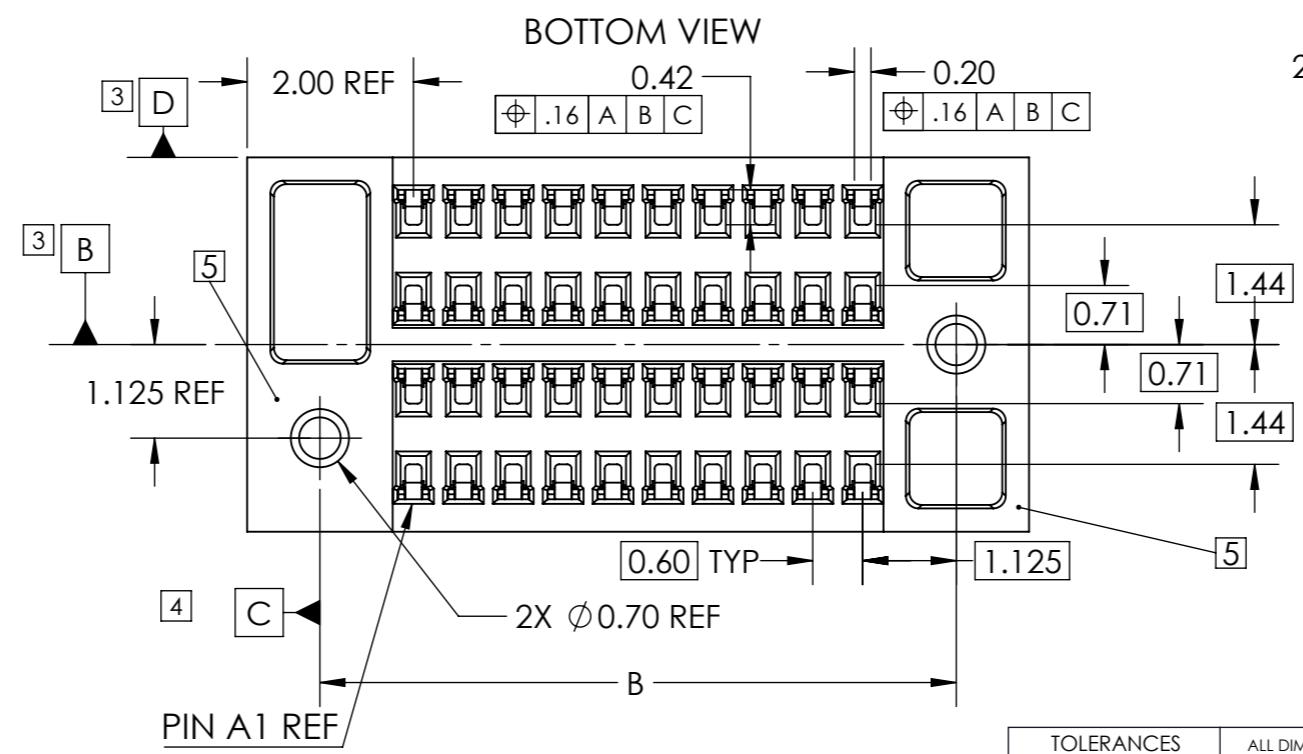
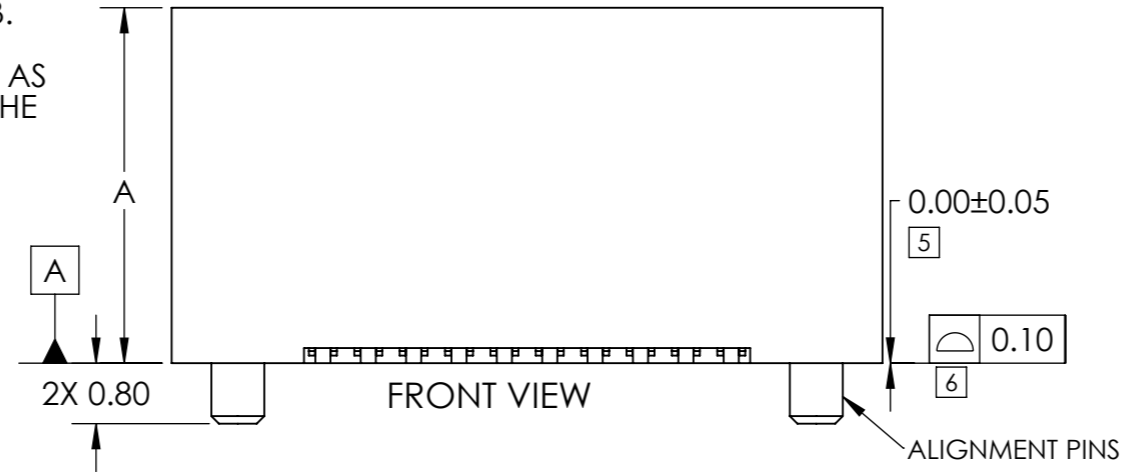
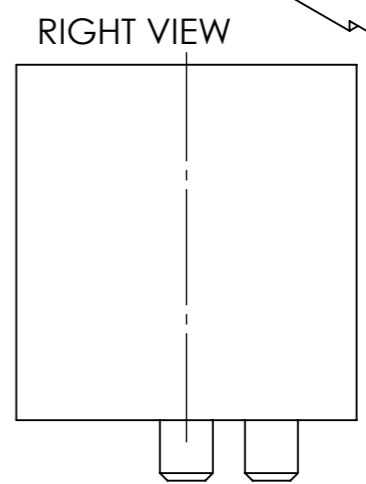
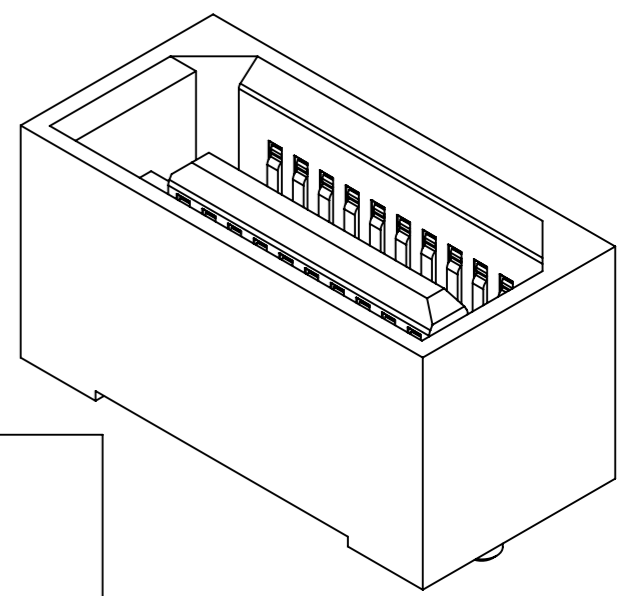
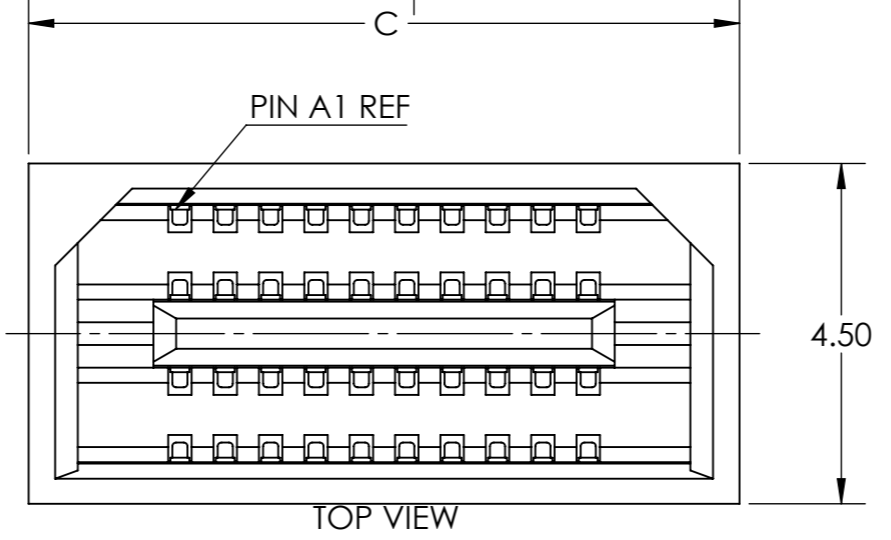


PART NUMBER  
SEE TABLE

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



**WITH ALIGNMENT POSTS**

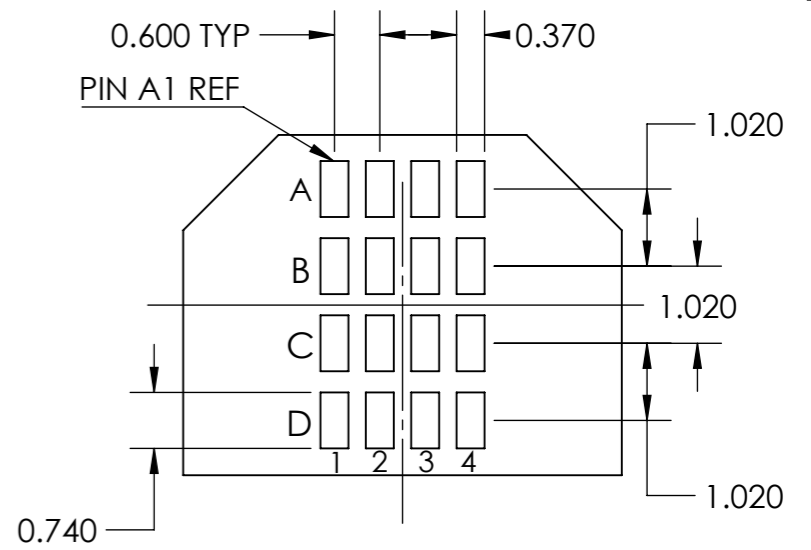
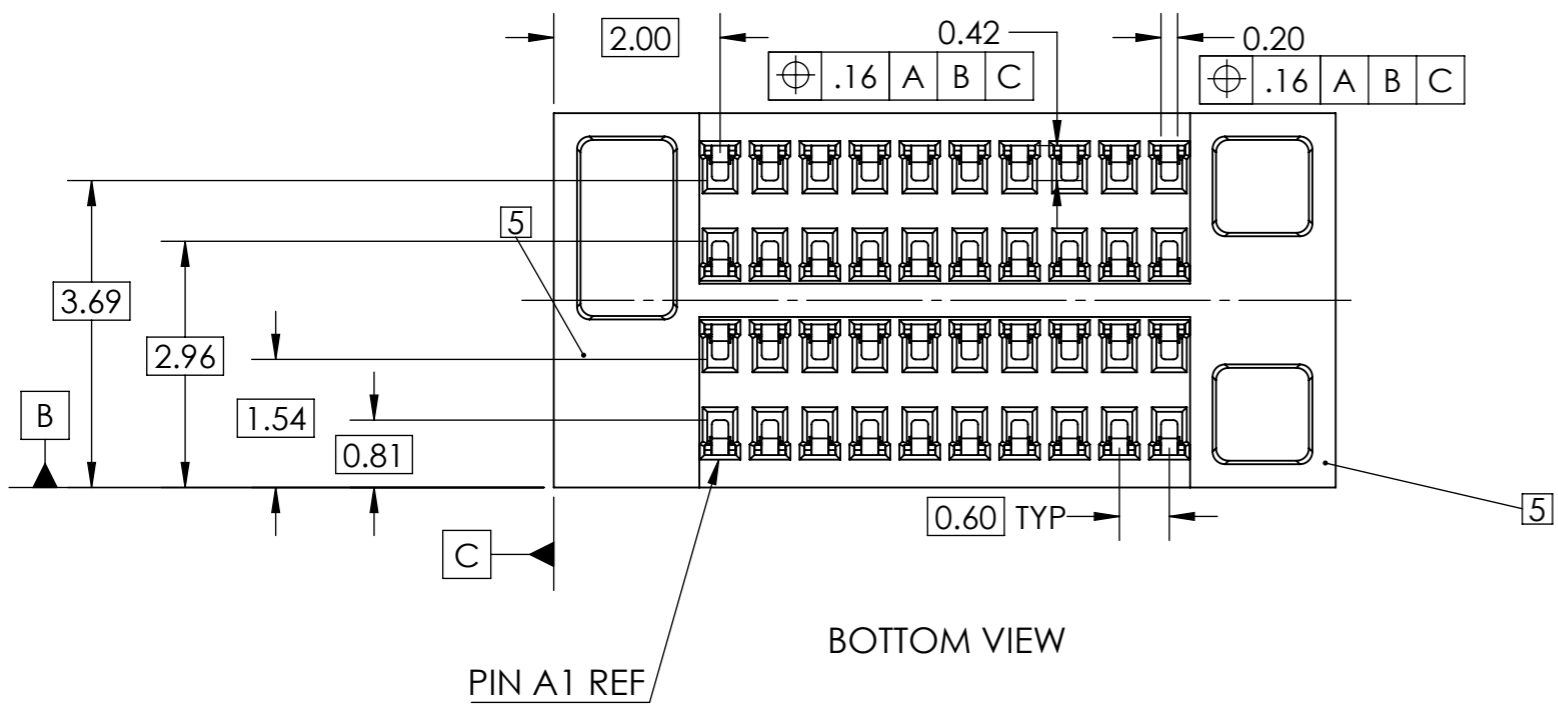
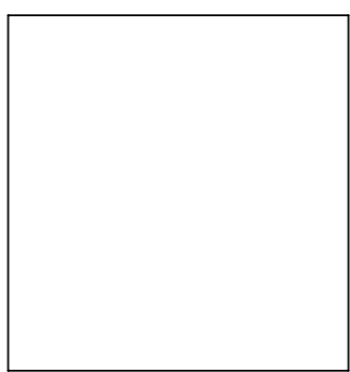
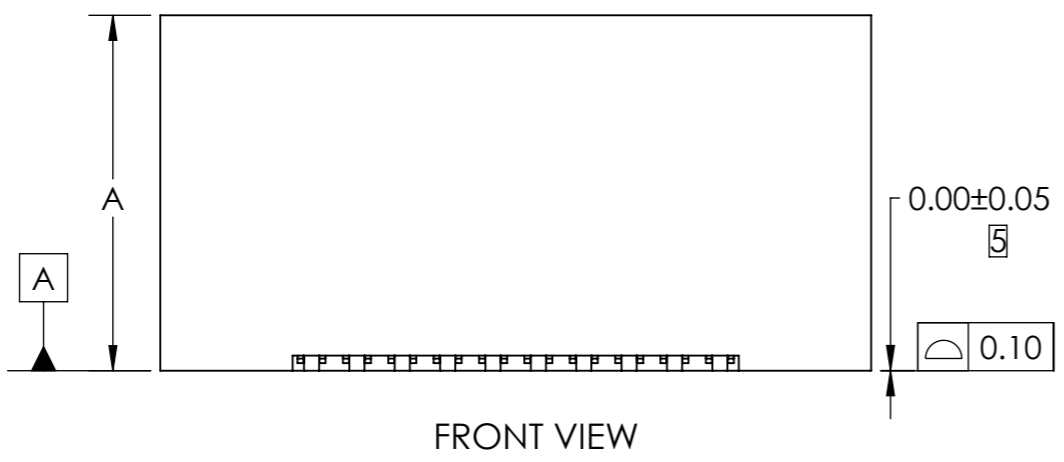
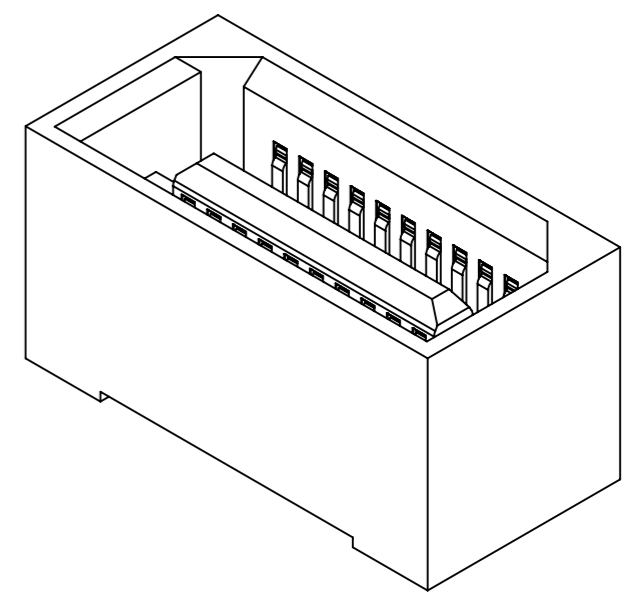
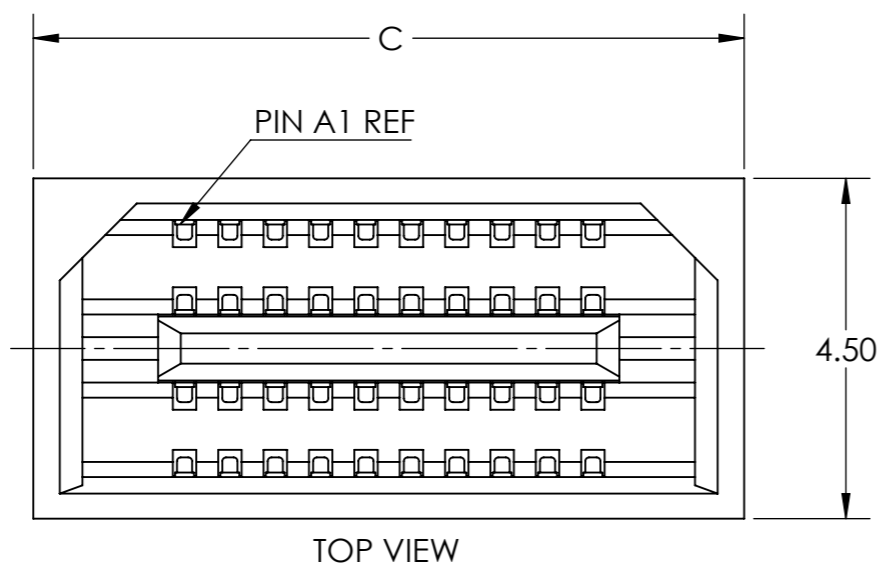
TOLERANCES UNLESS SPECIFIED OTHERWISE .XXX ± 0.05 .XX ± 0.13 .X ± 0.3 ANGLES ± 1°		ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5M ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED		PART <b>0.6mm PITCH LYNX PLUG ASSEMBLY</b>		DRAWING <b>11826C</b> CUSTOMER	
THIRD ANGLE PROJECTION	INSPECTION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



RECOMMENDED PCB PAD LAYOUT  
(PARTIAL VIEW SHOWN FOR CLARITY)

**WITHOUT ALIGNMENT POSTS**

<b>TOLERANCES</b> 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 <b>MILLIMETERS</b> UNLESS OTHERWISE SPECIFIED		PART <b>0.6mm PITCH LYNX PLUG ASSEMBLY</b>		DRAWING <b>11826C</b> 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

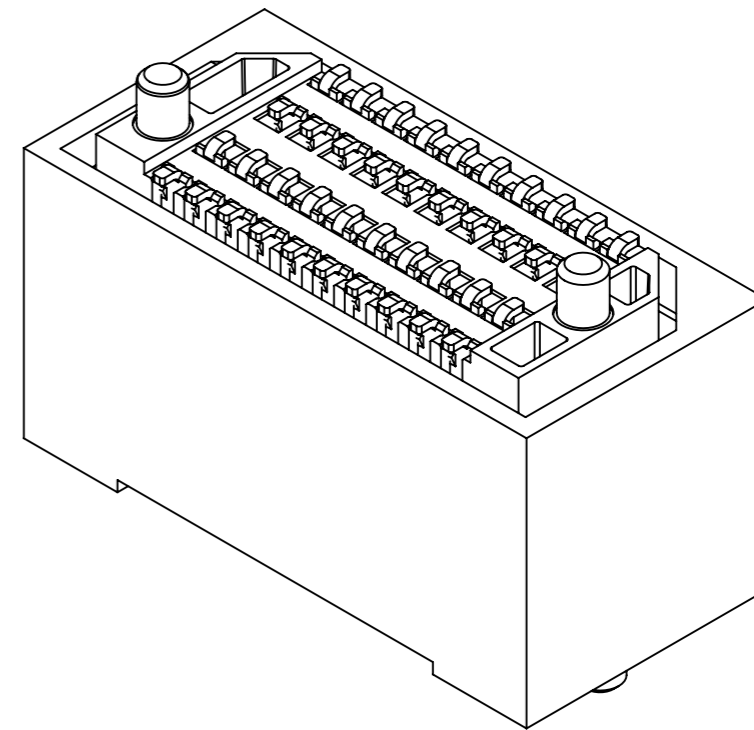
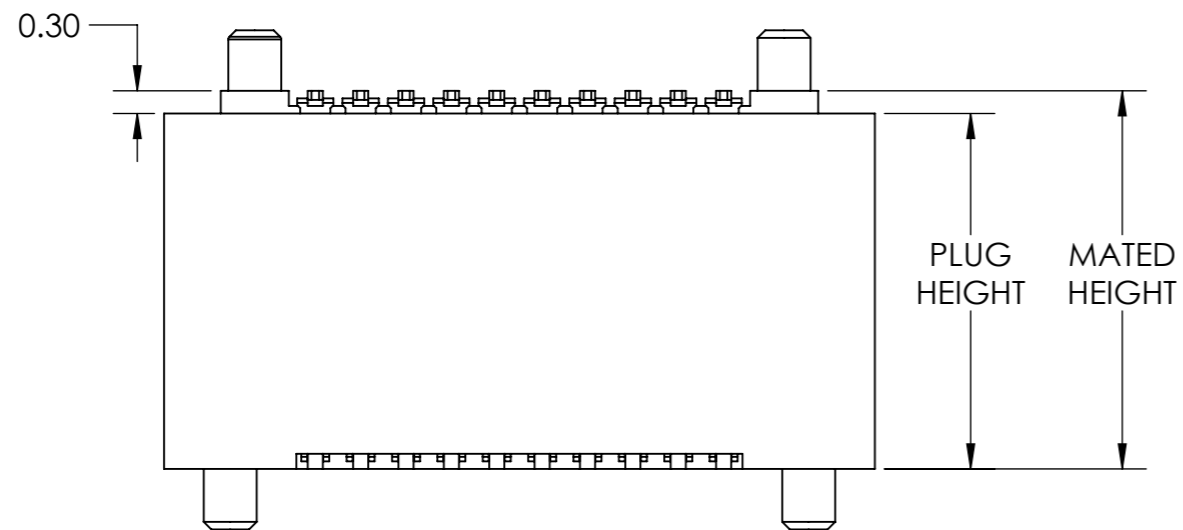
INSPECTION  
◇ FIRST PIECE  
○ IN-PROCESS  
△ SPC

<b>Amphenol</b> AMPHENOL INTERCON SYSTEMS INC.		825 OLD TRAIL ROAD ETTERS, PA 17319 717-915-1400	
PART <b>0.6mm PITCH LYNX PLUG ASSEMBLY</b>		DRAWING <b>11826C</b> CUSTOMER	
DRAWN	DATE 10/29/2020	DEPT NO 45	REV F
ENGR/APV	DATE	SCALE 10:1	SHEET 3 OF 5

8 7 6 5 4 3 2 1

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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

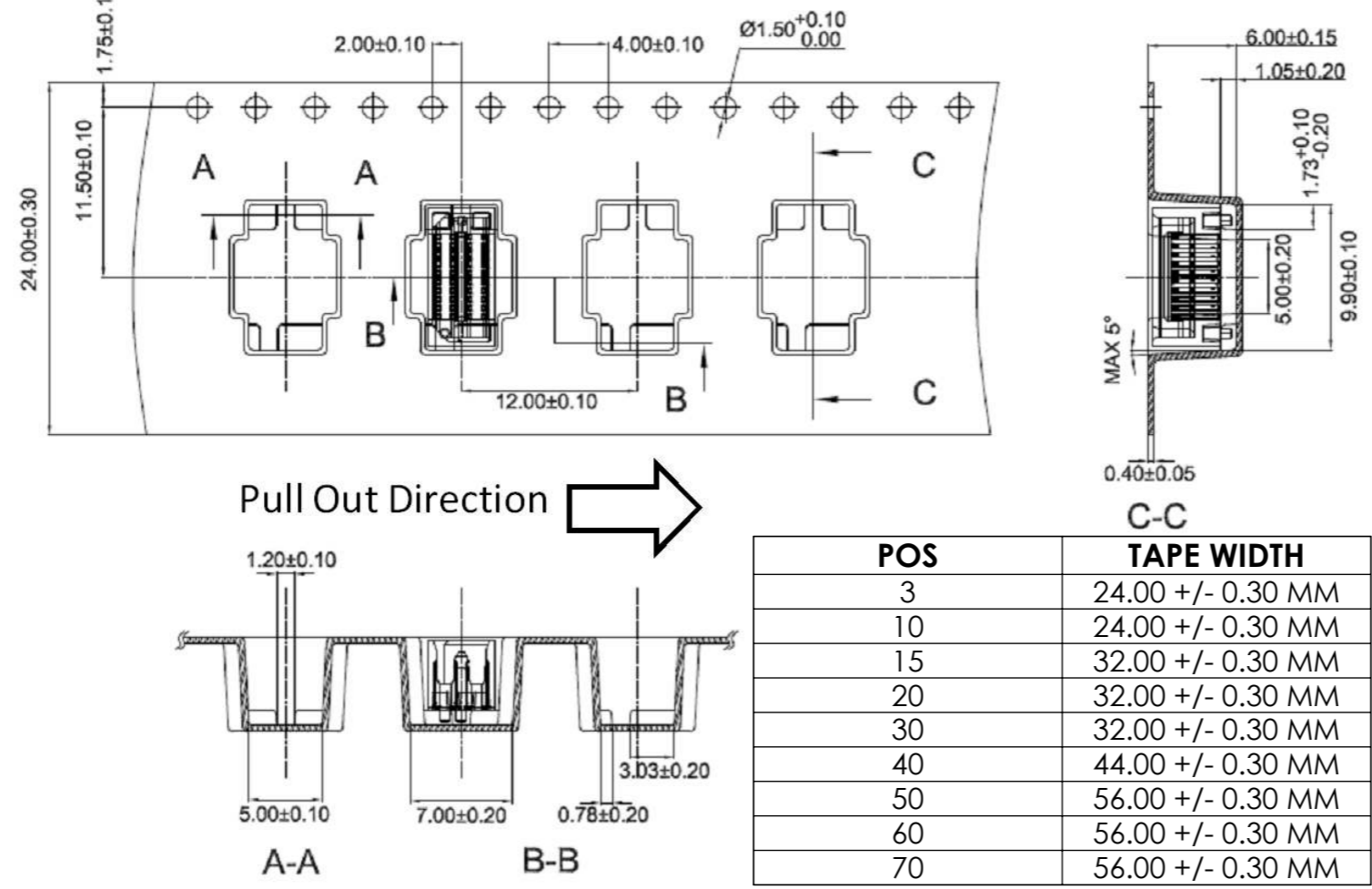
WITH ALIGNMENT POSTS

<b>TOLERANCES</b> 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 <b>MILLIMETERS</b> UNLESS OTHERWISE SPECIFIED		<b>Amphenol</b> 825 OLD TRAIL ROAD ETTERS, PA 17319 AMPHENOL INTERCON SYSTEMS INC. 717-915-1400		PART <b>0.6mm PITCH LYNX PLUG ASSEMBLY</b>		DRAWING <b>11826C</b> CUSTOMER	
	THIRD ANGLE PROJECTION 	INSPECTION ◇ FIRST PIECE ○ IN-PROCESS △ SPC	DRAWN ENGR/APV	DATE 10/29/2020	DEPT NO 45	REV F	SCALE 10:1	SHEET 4 OF 5

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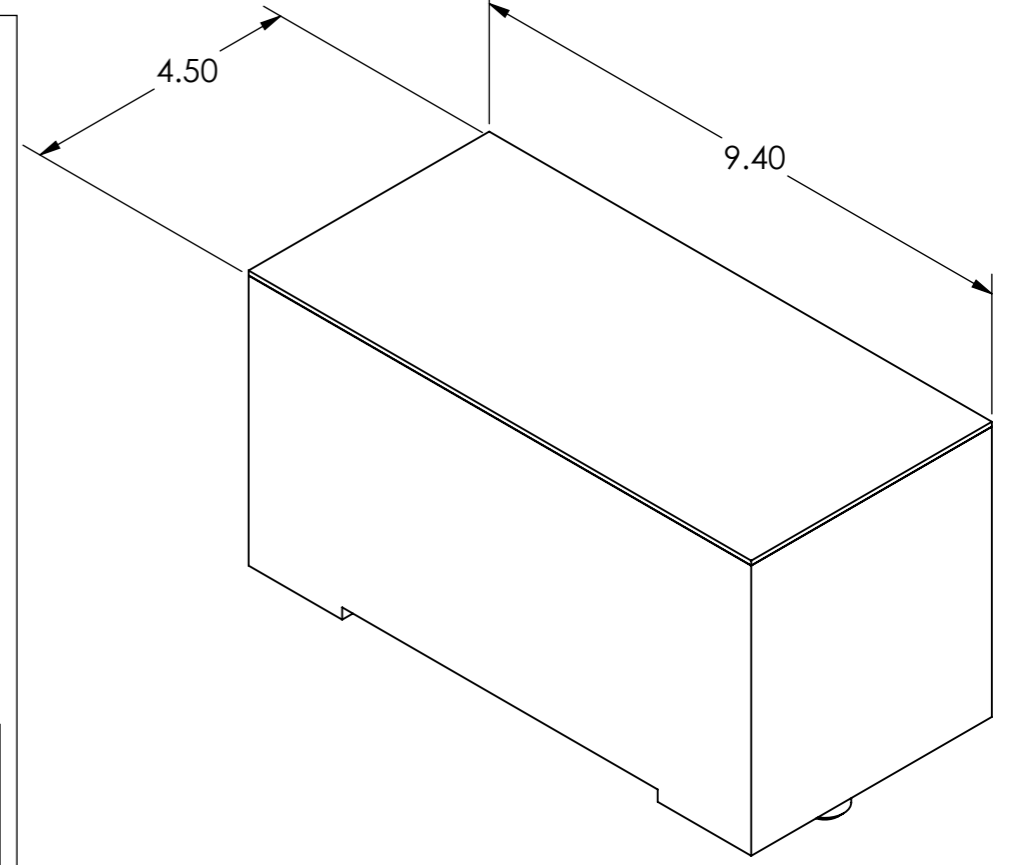
### TAPE AND REEL PACKAGING



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

### 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

\*5MM PLUG10 POSITION TAPE AND REEL SHOWN

### 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 <b>MILLIMETERS</b> UNLESS OTHERWISE SPECIFIED		PART <b>0.6mm PITCH LYNX PLUG                  ASSEMBLY</b>		DRAWING <b>11826C</b> 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		<b>A3</b>

**Amphenol** 825 OLD TRAIL ROAD  
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