REV	ECN	DESCRIPTION	BY	DATE	APPROVED
A	DCOY-19102102	NEW RELEASE	ATCS	10/21/2019	E.DALTON
B	DCOY-21101201	UPDATED SOURCE DWG. REV B TO REV D ADDED P/N TABLES AIS SOURCE DWG. ADDED P/N TABLES	ATCS	10/12/2021	E.DALTON
C	DCOY-23032201	UPDATED SOURCE DWG. REV D TO REV G AIS SOURCE DWG. INCREASE CHAMFER ON PLUG HOUSING	ATCS	03/22/2023	E.DALTON
D	DCOY-24031102	UPDATED SOURCE DWG. REV G TO REV H AIS SOURCE DWG. REV DETAILS SEE PAGE 3	ATCS	03/11/2024	E.DALTON
E	DCOY-25061803	UPDATED SOURCE DWG. REV H TO REV I AIS SOURCE DWG. REV DETAILS SEE PAGE 3	ATCS	06/18/2025	E.DALTON
F	DCOY-25082502	UPDATED SOURCE DWG. REV I TO REV J AIS SOURCE DWG. REV DETAILS SEE PAGE 3	ATCS	08/25/2025	E.DALTON

CUSTOMER USE DRAWING, COVERING PART NUMBER(S) IC11826XXX

IC11826 X X X

A: WITH ALIGNMENT PINS
B: WITHOUT ALIGNMENT PINS

	MATED HEIGHT
A	04
B	05
C	06
D	07
E	08
F	09
G	10

	NO POS X4
A	10
B	20
C	30
D	40
E	50
F	60
G	70
*H	15

*ONLY AVAILABLE FOR 8MM MATED HEIGHT

EXAMPLE SHOWN:

5mm STACK HEIGHT, 10 POS, WITH ALIGNMENT PINS = IC11826 - BAA

TOLERANCES REFER TO EMBEDDED AIS DRAWING FOR TOLERANCES	DWN 10/21/2019 ATCS CHK 10/21/2019 ATCS APVD 10/21/2019 ATCS	**Amphenol TCS** A Division of Amphenol Corporation 200 Innovative Way, suite 201, Nashua, N.H. 03062 (603) 879-3000
REFER TO EMBEDDED AIS DRAWING FOR DIMENSION UNITS		TITLE: CUSTOMER USE ASSEMBLY,LYNX PLUG
CUSTOMER USE DRAWING	PART NO. SEE PAGE 2	REV N/A
	DRAWING NO. CIC11826500	REV F
	SIZE D | SCALE N/A	PAGE 1 OF 7

TABLE 1 - WITH ALIGNMENT PINS					
PART NUMBER	PART DESCRIPTION	NO. OF POSITIONS	DIM B	DIM C	DIM D
IC11826-XAA	PLUG ASSEMBLY, 10 POSITION, W/ ALIGNMENT PINS	10	7.65	9.40	8.10
IC11826-XBA	PLUG ASSEMBLY, 20 POSITION, W/ ALIGNMENT PINS	20	13.65	15.40	14.10
IC11826-XCA	PLUG ASSEMBLY, 30 POSITION, W/ ALIGNMENT PINS	30	19.65	21.40	20.10
IC11826-XDA	PLUG ASSEMBLY, 40 POSITION, W/ ALIGNMENT PINS	40	25.65	27.40	26.10
IC11826-XEA	PLUG ASSEMBLY, 50 POSITION, W/ ALIGNMENT PINS	50	31.65	33.40	32.10
IC11826-XFA	PLUG ASSEMBLY, 60 POSITION, W/ ALIGNMENT PINS	60	37.65	39.40	38.10
IC11826-XGA	PLUG ASSEMBLY, 70 POSITION, W/ ALIGNMENT PINS	70	43.65	45.40	44.10
IC11826-XHA	PLUG ASSEMBLY, 15 POSITION, W/ ALIGNMENT PINS	15	10.65	12.40	11.10

TABLE 2 - WITHOUT ALIGNMENT PINS					
PART NUMBER	PART DESCRIPTION	NO. OF POSITIONS	DIM B	DIM C	DIM D
IC11826-XAB	PLUG ASSEMBLY, 10 POSITION, W/O ALIGNMENT PINS	10	7.65	9.40	8.10
IC11826-XBB	PLUG ASSEMBLY, 20 POSITION, W/O ALIGNMENT PINS	20	13.65	15.40	14.10
IC11826-XCB	PLUG ASSEMBLY, 30 POSITION, W/O ALIGNMENT PINS	30	19.65	21.40	20.10
IC11826-XDB	PLUG ASSEMBLY, 40 POSITION, W/O ALIGNMENT PINS	40	25.65	27.40	26.10
IC11826-XEB	PLUG ASSEMBLY, 50 POSITION, W/O ALIGNMENT PINS	50	31.65	33.40	32.10
IC11826-XFB	PLUG ASSEMBLY, 60 POSITION, W/O ALIGNMENT PINS	60	37.65	39.40	38.10
IC11826-XGB	PLUG ASSEMBLY, 70 POSITION, W/O ALIGNMENT PINS	70	43.65	45.40	44.10
IC11826-XHB	PLUG ASSEMBLY, 15 POSITION, W/O ALIGNMENT PINS	15	10.65	12.40	11.10

TABLE 3 - PLUG CONNECTOR HEIGHT		
PART NUMBER	STACK HEIGHT	DIM A
IC11826-AXX	4MM	3.7
IC11826-BXX	5MM	4.7
IC11826-CXX	6MM	5.7
IC11826-DXX	7MM	6.7
IC11826-EXX	8MM	7.7
IC11826-FXX	9MM	8.7
IC11826-GXX	10MM	9.7

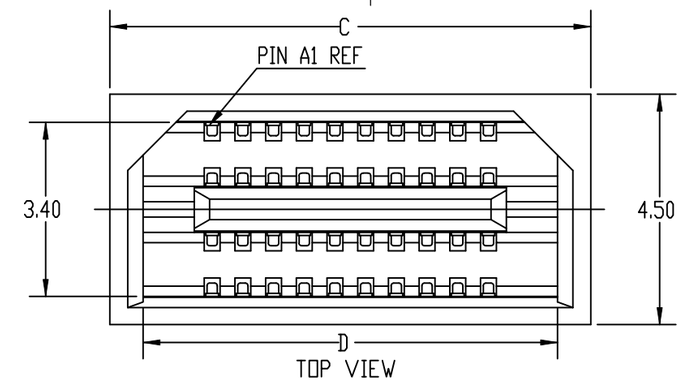
Amphenol TCS
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200 Innovative Way, suite 201, Nashua, N.H. 03062 (603) 879-3000

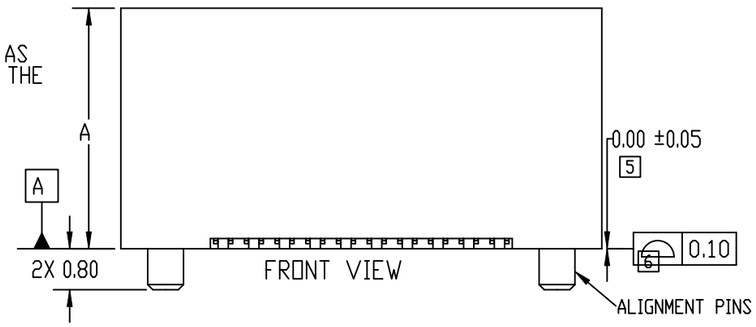
PART NUMBER
SEE TABLE

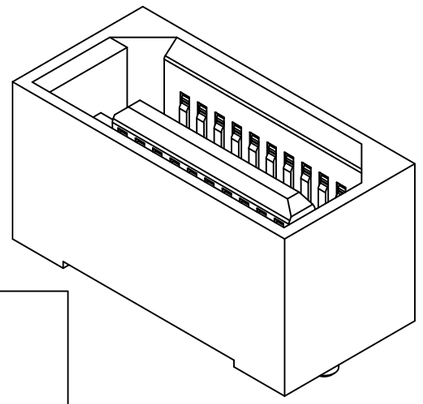
REVISIONS				
REV.	DESCRIPTION	EC #	DATE	DRAWN
J	Page 5 : Add the packaging tape width table and image	15122	07/31/2025	YHUANG

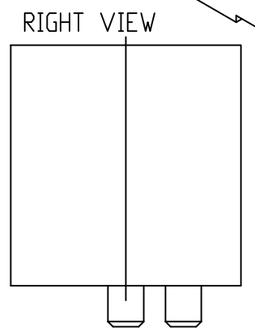
NOTES:

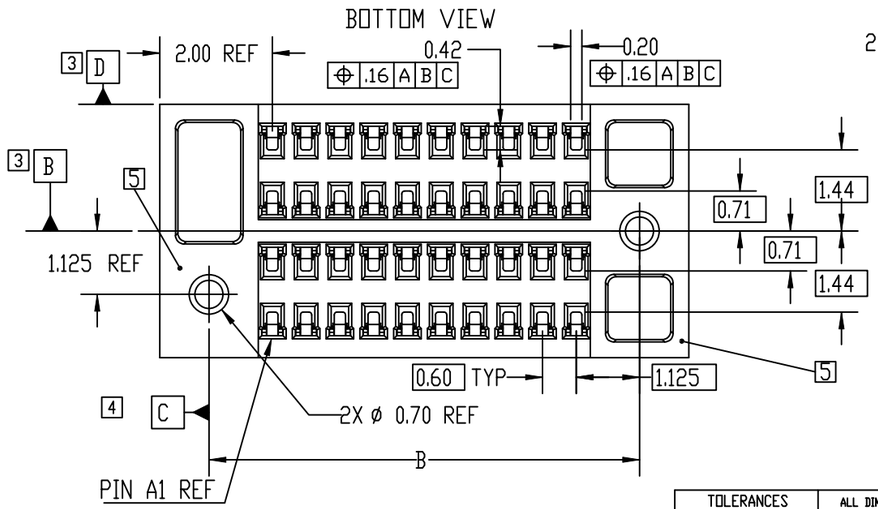
1. MATERIAL
   HOUSING: HIGH TEMPERATURE THERMOPLASTIC
   CONTACT: COPPER ALLOY
   CONTACT PLATING: UNDERPLATE WITH NICKEL
   HARD GOLD IN MATING AREA
   PURE MATTE TIN ON CONTACT TAIL
2. PLEASE REFER TO PRODUCT SPECIFICATION FOR MECHANICAL AND ELECTRICAL SPECIFICATION.
3. DATUM B IS DEFINED AS THE PLANE INTERSECTING THE Ø 0.700mm POST AND PARALLEL TO DATUM D.
4. DATUM C IS DEFINED AS THE PLANE INTERSECTING THE Ø 0.700mm 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

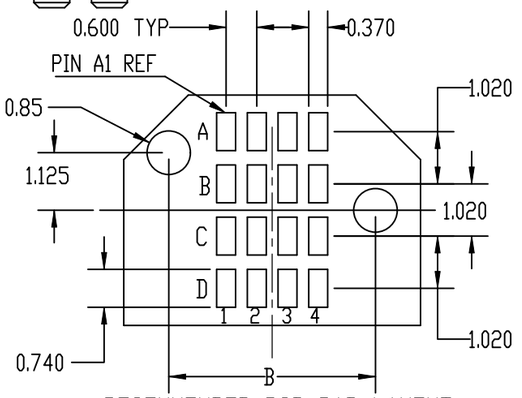












RECOMMENDED PCB PAD LAYOUT

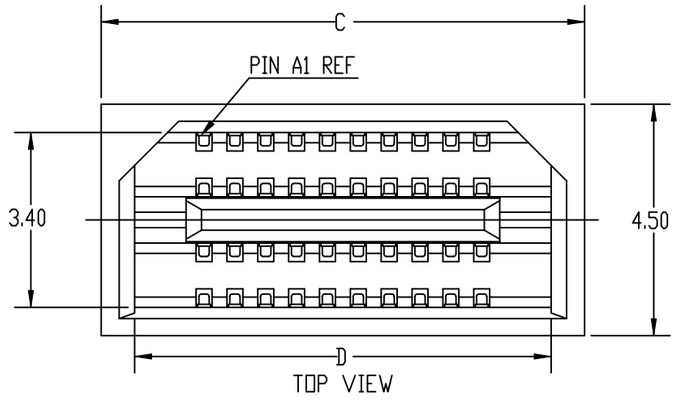
(PARTIAL VIEW SHOWN FOR CLARITY)

WITH ALIGNMENT POSTS

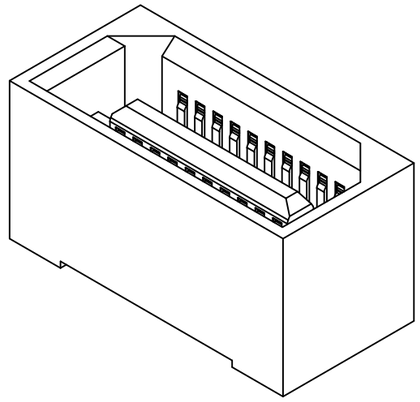
TOLERANCES UNLESS SPECIFIED OTHERWISE: .XXX ± 0.05, .XX ± 0.13, .X ± 0.3, ANGLES ± 1°	ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5M. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED	Amphenol AMPHENOL INTERCON SYSTEMS INC.	825 OLD TRAIL ROAD ETTERS, PA 17319 717-915-1400		
		PART: 0.6mm PITCH LYNX PLUG ASSEMBLY		DRAWING: 11826C CUSTOMER	
THIRD ANGLE PROJECTION	INSPECTION: ◇FIRST PIECE ○ IN-PROCESS △SPC	DRAWN	DATE 10/29/2020	DEPT NO 45	REV J A3
		ENGR/APV	DATE	SCALE 10:1	SHEET 1 OF 5

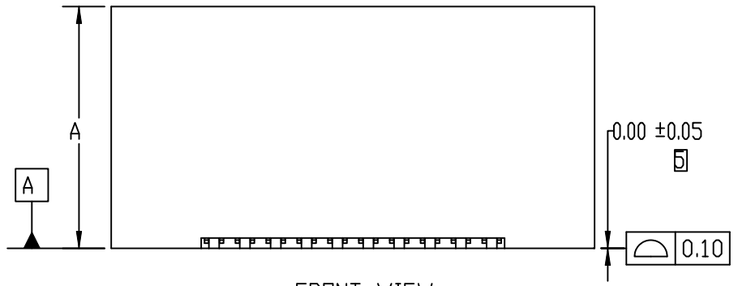
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Model 11826 Template: MKP.PRT Drawing Last Saved: 8/8/2025, HuangYul Printed Date: 8/8/2025

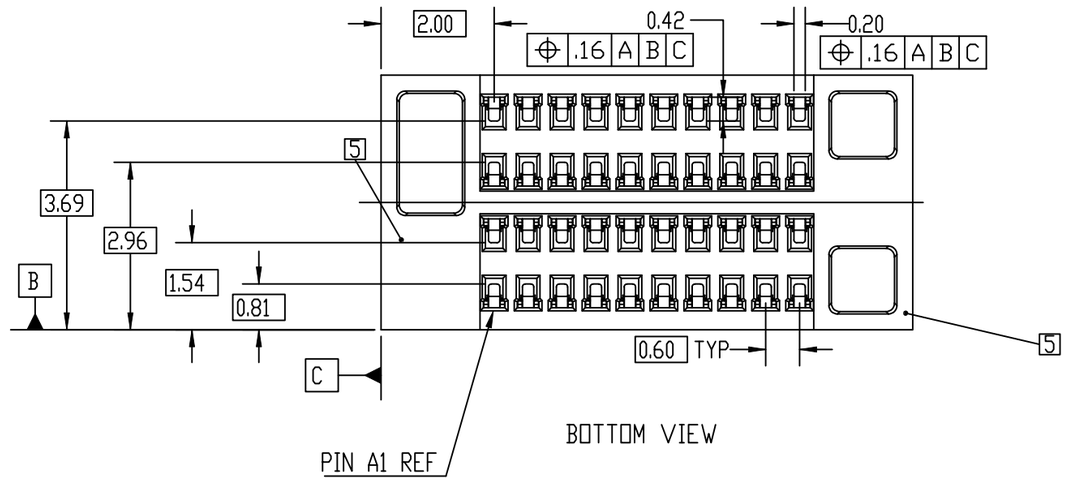


TOP VIEW

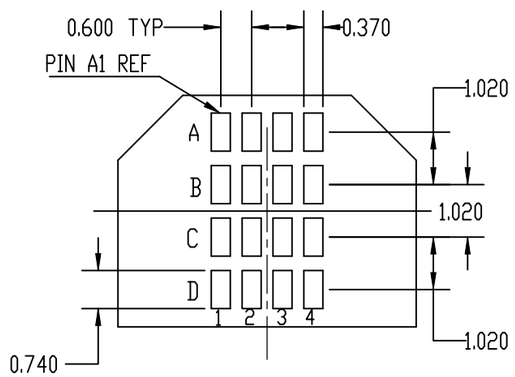




FRONT VIEW



BOTTOM VIEW



RECOMMENDED PCB PAD LAYOUT

(PARTIAL VIEW SHOWN FOR CLARITY)

WITHOUT 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	Amphenol AMPHENOL INTERCON SYSTEMS INC.	825 OLD TRAIL ROAD ETTERS, PA 17319 717-915-1400			
	THIRD ANGLE PROJECTION	INSPECTION ◇FIRST PIECE ○ IN-PROCESS △SPC	PART 0.6mm PITCH LYNX PLUG ASSEMBLY		DRAWING 11826C CUSTOMER	
			DRAWN	DATE 10/29/2020	DEPT NO 45 / REV J / A3	
			ENGR/APV	DATE	SCALE 10:1 / SHEET 2 OF 5	

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Model 11826 Template 2DSP_PRT Drawing Last Saved 8/8/2025, HuangYd Printed Date 8/8/2025

TABLE 1 - WITH ALIGNMENT PINS					
PART NUMBER	PART DESCRIPTION	NO. OF POSITIONS	DIM B	DIM C	DIM D
11826-XAA	PLUG ASSEMBLY, 10 POSITION, W/ ALIGNMENT PINS	10	7.65	9.40	8.10
11826-XBA	PLUG ASSEMBLY, 20 POSITION, W/ ALIGNMENT PINS	20	13.65	15.40	14.10
11826-XCA	PLUG ASSEMBLY, 30 POSITION, W/ ALIGNMENT PINS	30	19.65	21.40	20.10
11826-XDA	PLUG ASSEMBLY, 40 POSITION, W/ ALIGNMENT PINS	40	25.65	27.40	26.10
11826-XEA	PLUG ASSEMBLY, 50 POSITION, W/ ALIGNMENT PINS	50	31.65	33.40	32.10
11826-XFA	PLUG ASSEMBLY, 60 POSITION, W/ ALIGNMENT PINS	60	37.65	39.40	38.10
11826-XGA	PLUG ASSEMBLY, 70 POSITION, W/ ALIGNMENT PINS	70	43.65	45.40	44.10
11826-XHA	PLUG ASSEMBLY, 15 POSITION, W/ ALIGNMENT PINS	15	10.65	12.40	11.10

TABLE 2 - WITHOUT ALIGNMENT PINS					
PART NUMBER	PART DESCRIPTION	NO. OF POSITIONS	DIM B	DIM C	DIM D
11826-XAB	PLUG ASSEMBLY, 10 POSITION, W/O ALIGNMENT PINS	10	7.65	9.40	8.10
11826-XBB	PLUG ASSEMBLY, 20 POSITION, W/O ALIGNMENT PINS	20	13.65	15.40	14.10
11826-XCB	PLUG ASSEMBLY, 30 POSITION, W/O ALIGNMENT PINS	30	19.65	21.40	20.10
11826-XDB	PLUG ASSEMBLY, 40 POSITION, W/O ALIGNMENT PINS	40	25.65	27.40	26.10
11826-XEB	PLUG ASSEMBLY, 50 POSITION, W/O ALIGNMENT PINS	50	31.65	33.40	32.10
11826-XFB	PLUG ASSEMBLY, 60 POSITION, W/O ALIGNMENT PINS	60	37.65	39.40	38.10
11826-XGB	PLUG ASSEMBLY, 70 POSITION, W/O ALIGNMENT PINS	70	43.65	45.40	44.10
11826-XHB	PLUG ASSEMBLY, 15 POSITION, W/O ALIGNMENT PINS	15	10.65	12.40	11.10

11826 X X X

A: WITH ALIGNMENT PINS
B: WITHOUT ALIGNMENT PINS

	MATED HEIGHT
A	04
B	05
C	06
D	07
E	08
F	09
G	10

	NO POS X4
A	10
B	20
C	30
D	40
E	50
F	60
G	70
*H	15

*ONLY AVAILABLE FOR 8MM MATED HEIGHT

EXAMPLE SHOWN:

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

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

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ETTERS, PA 17319
717-915-1400

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

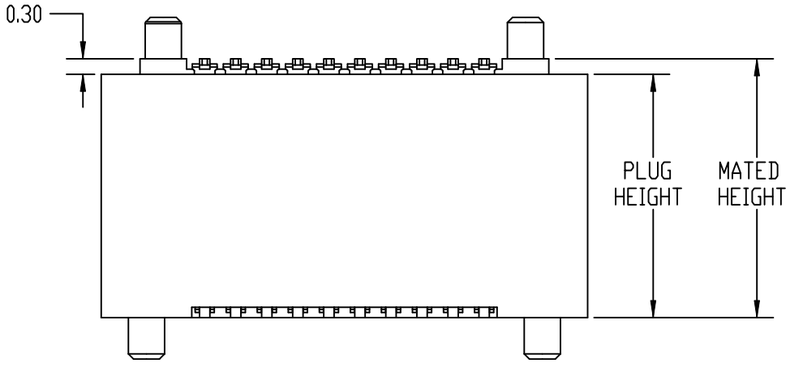
THIRD ANGLE PROJECTION

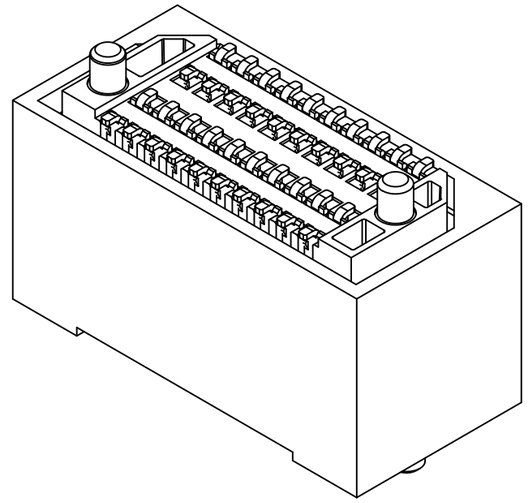
INSPECTION
◇FIRST PIECE
○ IN-PROCESS
△SPC

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

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	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

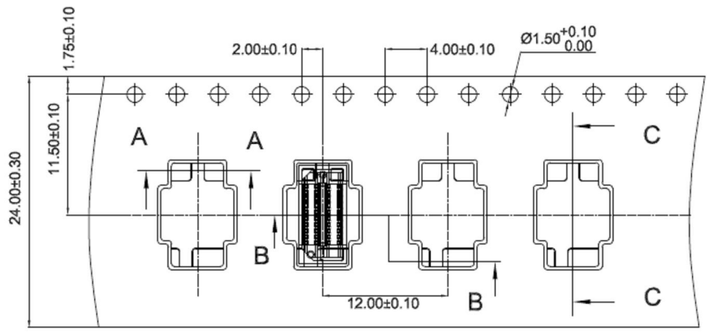
WITH ALIGNMENT POSTS

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 MILLIMETER UNLESS OTHERWISE SPECIFIED	Amphenol AMPHENOL INTERCON SYSTEMS INC.	825 OLD TRAIL ROAD ETTERS, PA 17319 717-915-1400
		PART 0.6mm PITCH LYNX PLUG ASSEMBLY	DRAWING 11826C CUSTOMER
	THIRD ANGLE PROJECTION; INSPECTION ◇FIRST PIECE ○ IN-PROCESS △SPC	DRAWN	DATE 10/29/2020
		ENGR/APV	DATE
		DEPT NO 45	REV J A3
		SCALE 10:1	SHEET 4 OF 5

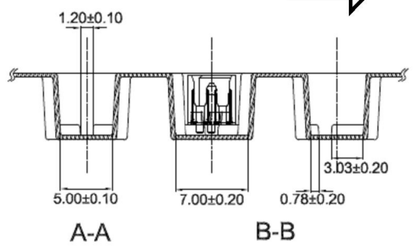
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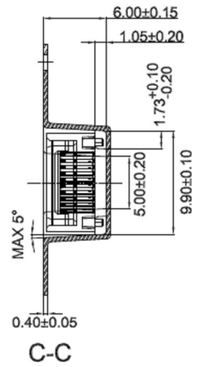
Model 11826 Template: MKT_PRT Drawing Last Saved: 8/8/2025, Hwanghd Printed Date: 8/8/2025

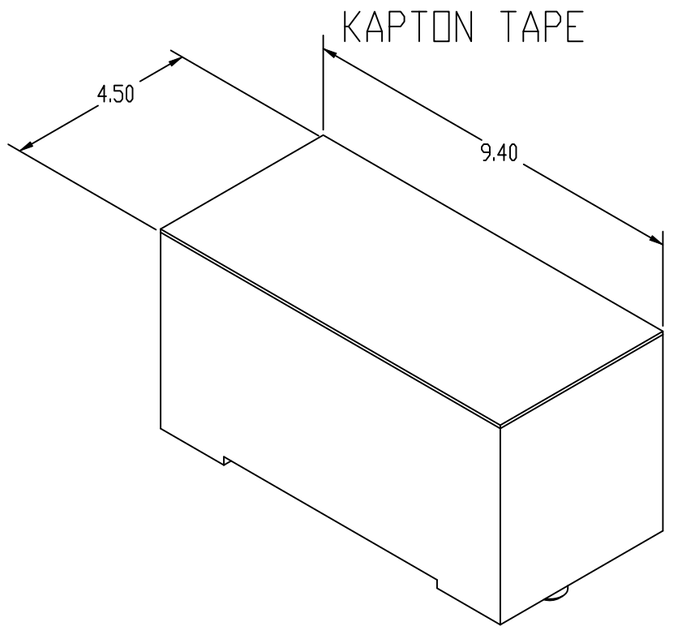
TAPE AND REEL PACKAGING

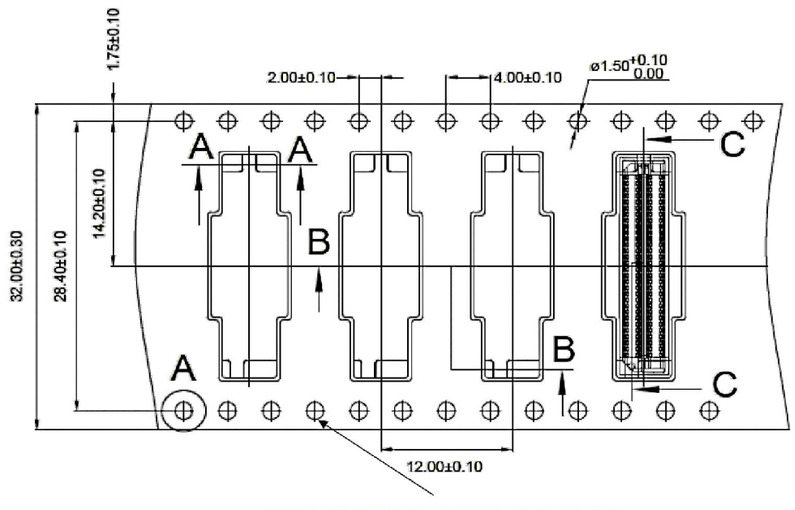


Pull Out Direction









FOR TAPE WIDTH 32MM AND ABOVE

POS	CARRIER TAPE WIDTH
10	24.00 ± 0.03mm
15	32.00 ± 0.03mm
20	32.00 ± 0.03mm
30	32.00 ± 0.03mm
40	44.00 ± 0.03mm
50	56.00 ± 0.03mm
60	56.00 ± 0.03mm
70	56.00 ± 0.03mm

* 30 POS HEIGHT 7MM,10MM IN CARRIER TAPE WIDTH 44MM
* 70 POS HEIGHT 6MM,7MM,8MM,10MM IN CARRIER TAPE WIDTH 72MM

KAPTON TAPE			
POS	LENGTH	WIDTH	THICKNESS
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

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

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

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

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Model 11826 Template MCP_PKT Drawing Last Saved 8/8/2025, HuangHd Printed Date 8/8/2025

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