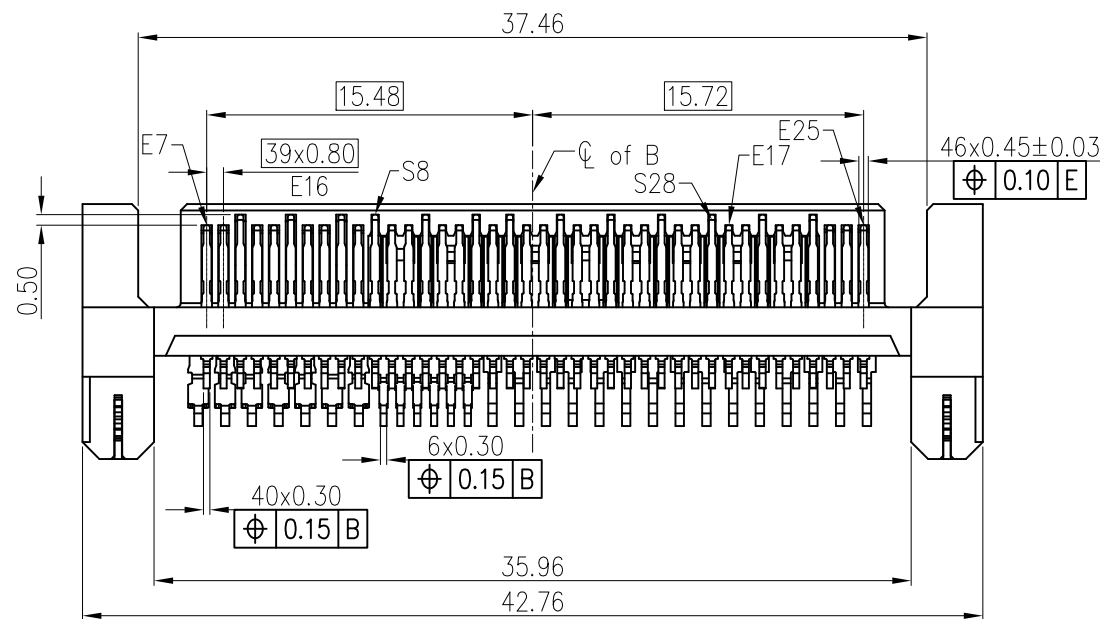
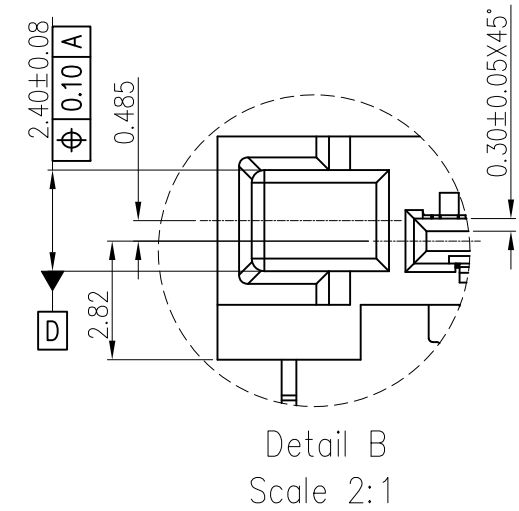
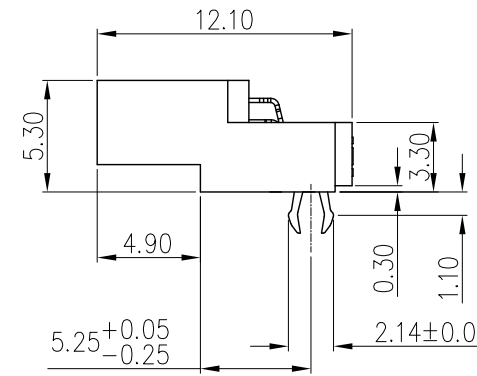
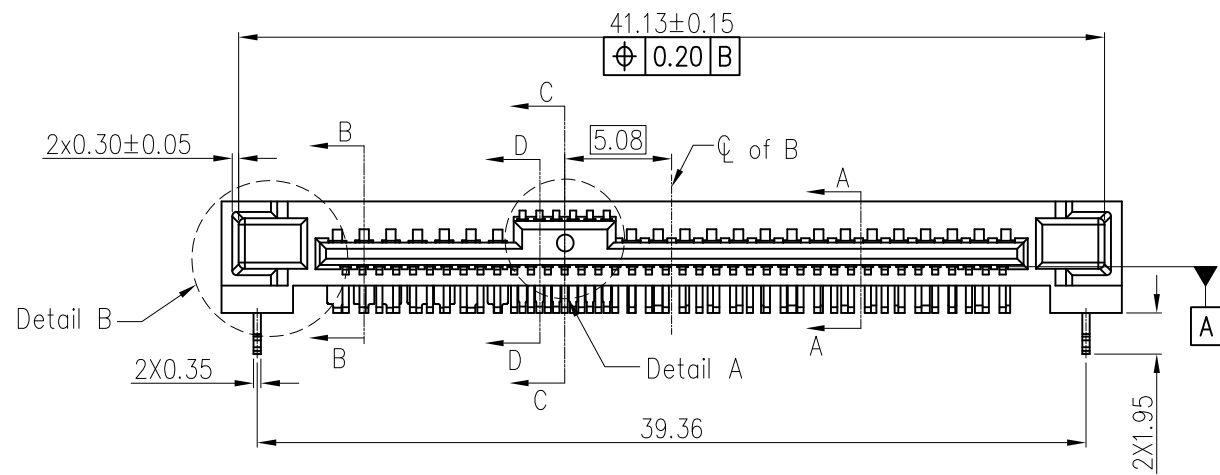
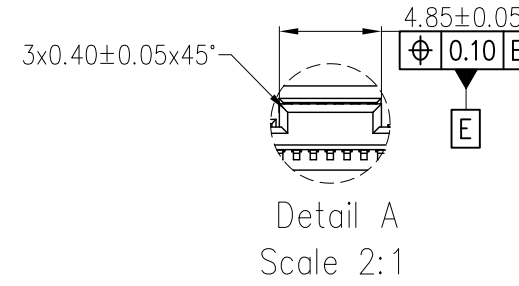
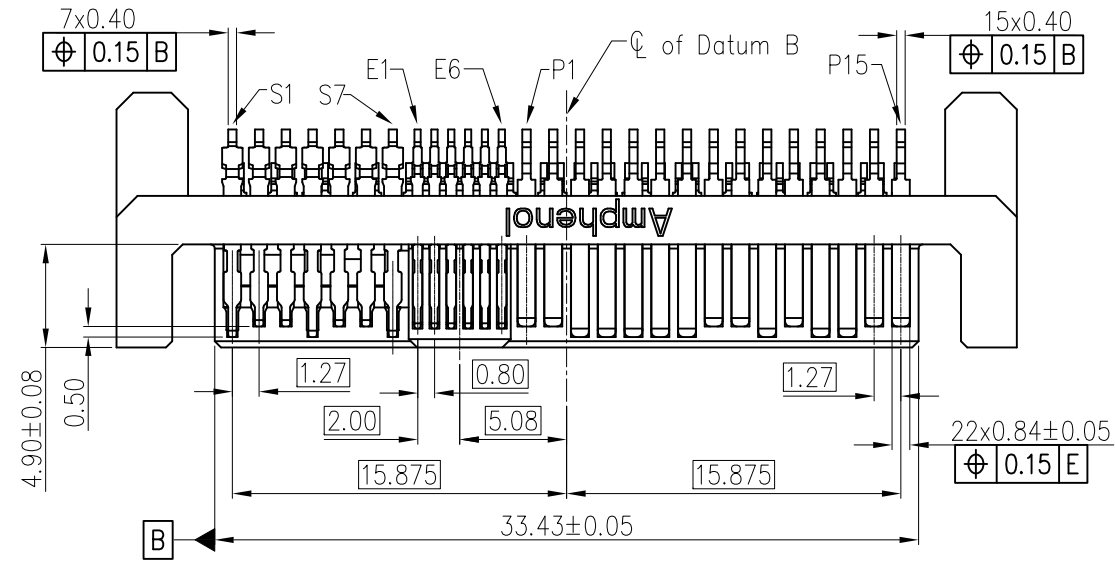


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REVISIONS

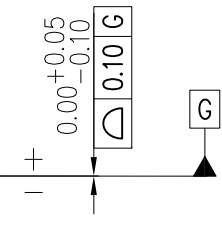
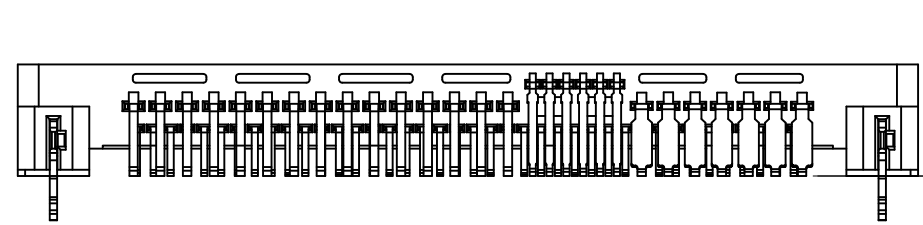
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1	HK---	FIRST RELEASE	12/21/15	IP
2	HK---	CHANGE THE P/N BY CUSTOMER REQ	11/10/16	IP
3	HK---	CHANGE THE MATERIAL OF BOARD LOCK	06/27/17	IP
4	HK---	UPDATE DRAWING: REMOVE CORE-OUT ON TOUGUE	07/06/17	IP
5	HK---	UPDATE DRAWING: REMOVE STEP ON STAND-OFF AREA	07/12/17	IP
6	HK---	UPDATE DRAWING: ADD PACKAGE DRAWING	11/13/17	IP
7	HK---	UPDATE DRAWING: ADD BACK STEP ON STAND-OFF AREA	12/08/17	IP
8	HK---	UPDATE DRAWING: ADD DIMENSIONS OF BOARD LOCK	04/27/18	IP



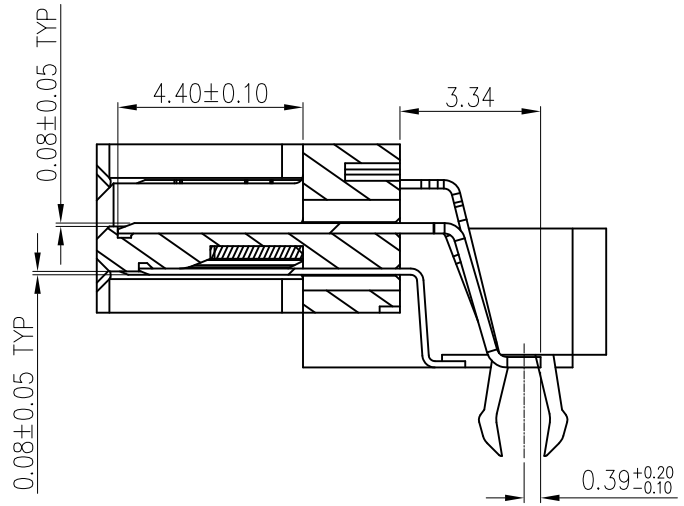
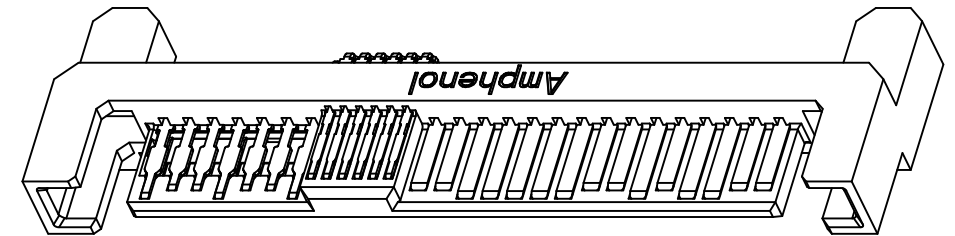
UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL	DATE	Amphenol Amphenol East Asia Limited
.X	+/- 0.50	DRAWN	Evan.Dai 04/27/18	
.XX	+/- 0.25	CHECKED		TITLE Customer Drawing For PCIe SAS R/A SMT Plug Connector
.XXX	+/- 0.20	CHECKED		
FRACTIONS	+/-	DRAWING FILE : PE MASTER\DRAWING\PSAS\PSASM213041XXX-8		SIZE DRAWING NO. A3 PSASM213041XXX
ANGLES	+/- 3°	ANGLE OF PROJECTION		
FOR MATERIALS AND FINISHES SEE NOTES		REMOVE SHARP EDGES		SCALE NONE SHEET 1 OF 4
DIMENSIONS		U.S. INCHES		
(METRIC)		(MM)		

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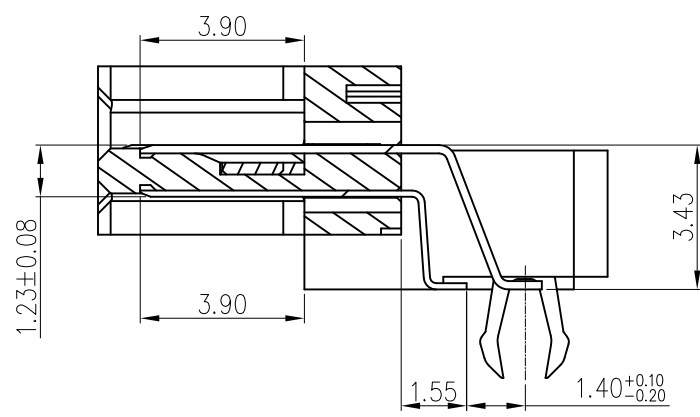
REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
		REFER TO SHEET 1		



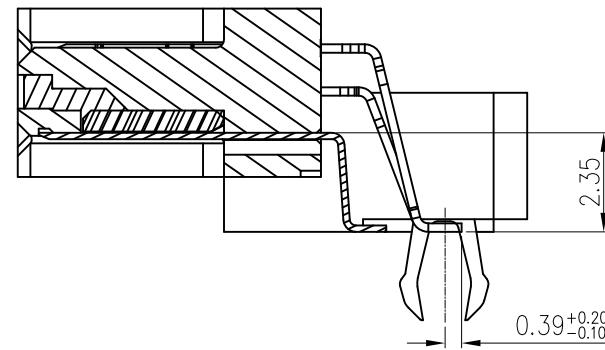
FOR ALL SOLDER TAILS & STAND-OFF SURFACE



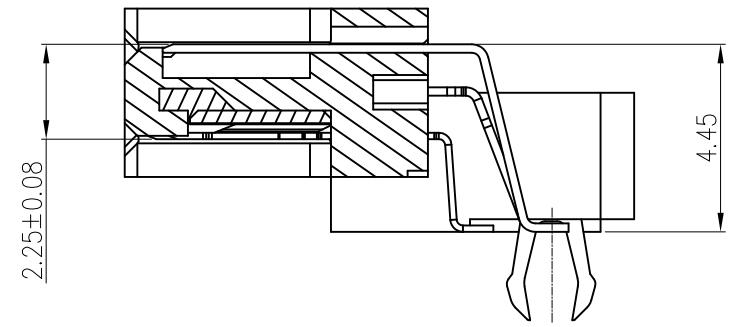
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

NOTES:

- Material housing: High temperature thermoplastic UL94V-0, color: black.
Contact: Brass
Plating: Refer to P/N system on mating area.
1.27~2.54um Nickel underplate overall.
2.54~5.08um matte pure Tin on solder tail.
Board lock: phosphor bronze, 2.54um Min. matte-tin plated overall 1.27um Min. nickel underplate
- Electrical specification:
 - Current rating: 1.5A (Power section).
 - Contact resistance: 30mΩ MAX.
 - Insulator resistance: 1000MΩ MIN.
 - Dielectric withstanding voltage: 500 VAC
 - Operation temperature: -40°C~+125°C
- Dimensioning shall be interpreted per ASME Y14.5M 1994
- Material should be fulfilled Amphenol SPEC.# S-SN-002, for halogen free products, also need to meet S-SN-004
- Order p/n system : PSASM213041XXX

MATING AREA PLATING

- 0.76um MIN Au.
- 0.38um MIN Au.
- Gold Flash
- G/F Over PdNi

PACKING STYLE

- NIL- TRAY
- TR- TAPE AND REEL WITH CAP



UNLESS OTHERWISE SPECIFIED TOLERANCES	U.S.	METRIC	APPROVAL	DATE	Amphenol
	.X +/-	0.50			
	.XX +/-	0.25	CHECKED		
	.XXX +/-	0.20	CHECKED		
	FRACTIONS +/-				
	ANGLES +/-	3°			
FOR MATERIALS AND FINISHES SEE NOTES			DRAWING FILE :		
REMOVE SHARP EDGES			PE MASTER\DRAWING\PSAS\PSASM213041XXX-8		
DIMENSIONS			ANGLE OF PROJECTION		
U.S.	INCHES				
(METRIC)	(MM)				
TITLE		Customer Drawing For		Amphenol East Asia Limited	
SIZE		DRAWING NO.		REV.	
A3		PSASM213041XXX		8	
SCALE		NONE		SHEET 2 OF 4	

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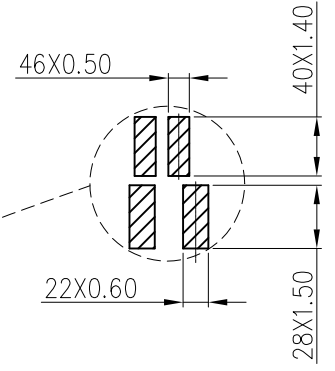
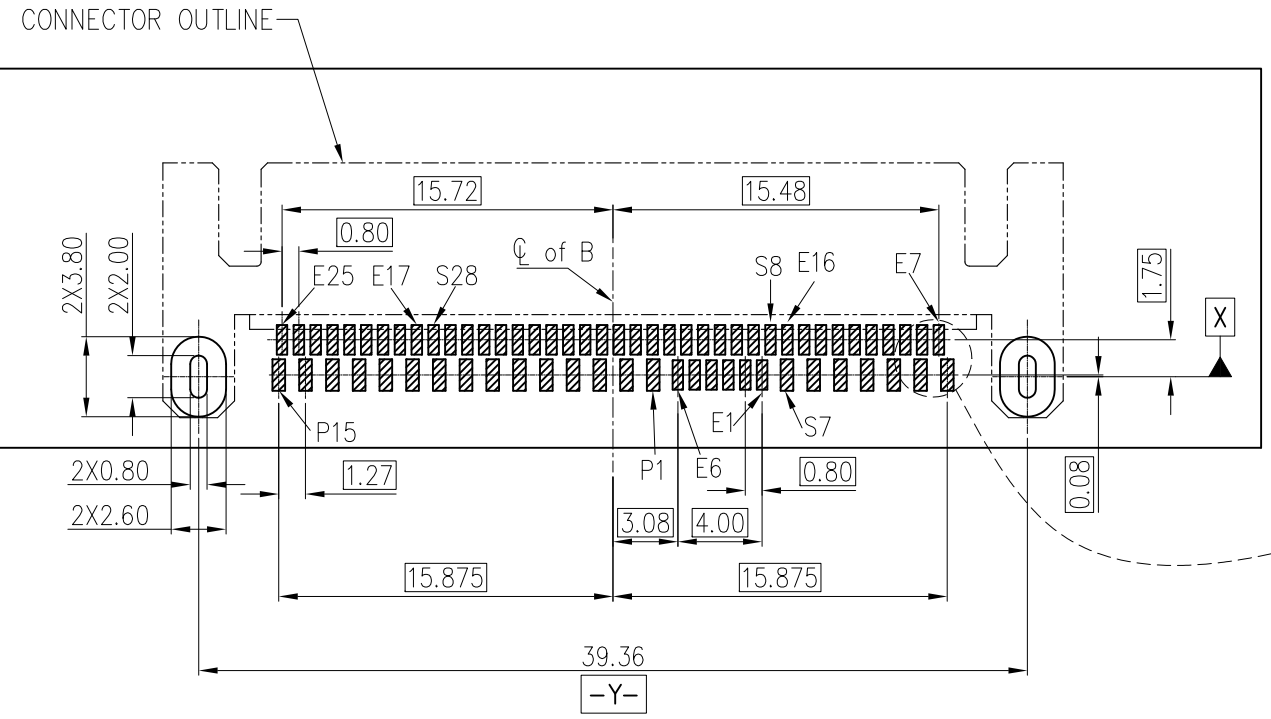
REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
		REFER TO SHEET 1		

D

C

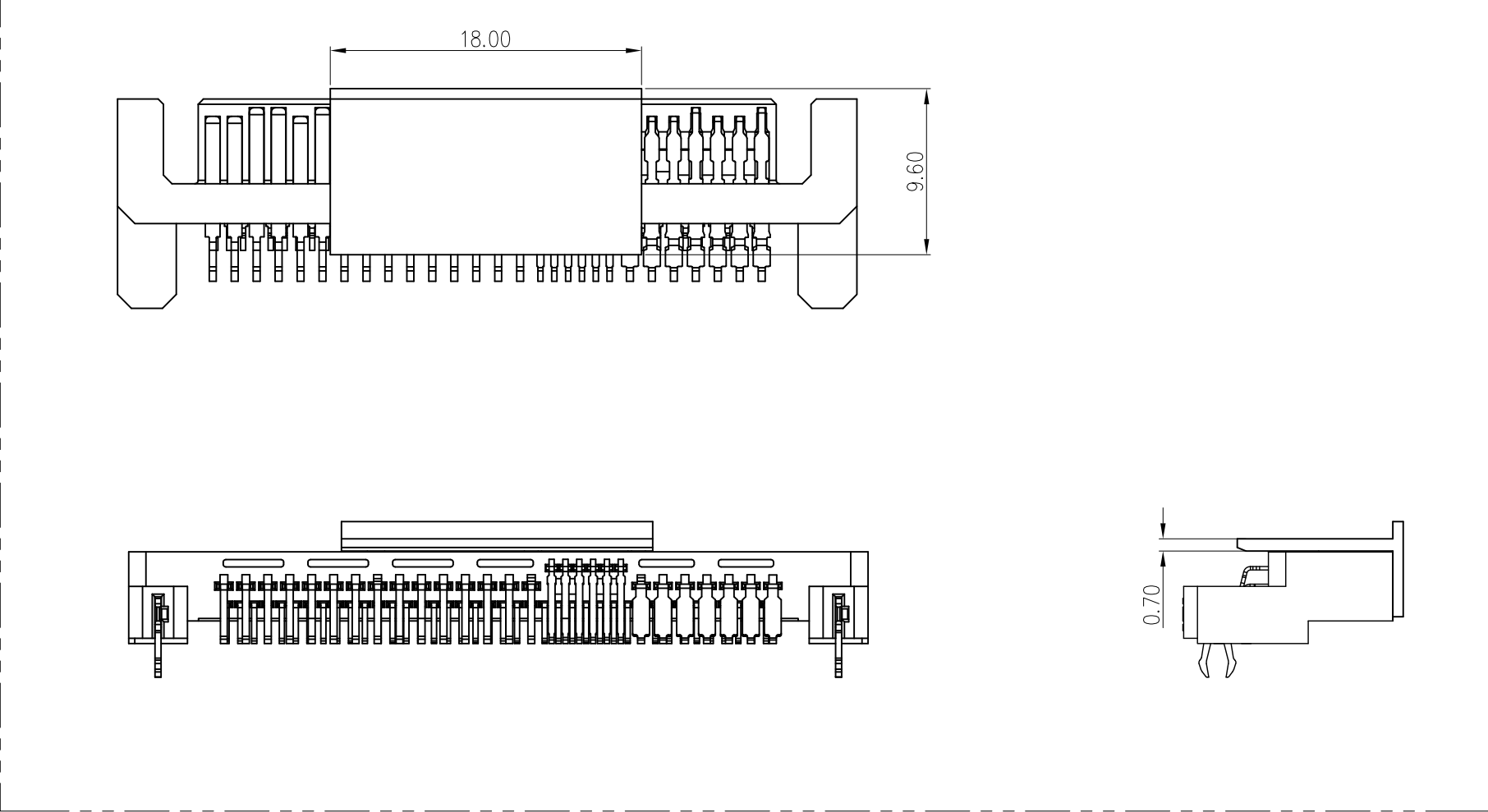
B

A



Scale 2:1

RECOMMENDED PCB LAYOUT
GENERAL TOLERANCE ±0.05



UNLESS OTHERWISE SPECIFIED TOLERANCES U.S. METRIC .X +/- 0.50 .XX +/- 0.25 .XXX +/- 0.20 FRACTIONS +/- ANGLES +/- 3° FOR MATERIALS AND FINISHES SEE NOTES REMOVE SHARP EDGES DIMENSIONS U.S. INCHES (METRIC) (MM)	APPROVAL DRAWN Evan.Dai CHECKED CHECKED	DATE 04/27/18	Amphenol Amphenol East Asia Limited TITLE Customer Drawing For PCIe SAS R/A SMT Plug Connector SIZE DRAWING NO. A3 PSASM213041XXX SCALE NONE SHEET 3 OF 4	
	DRAWING FILE : PE MASTER\DRAWING\PSAS\PSASM213041XXX-8			REV. 8
	ANGLE OF PROJECTION 			SHEET 3 OF 4

4

3

2

1

D

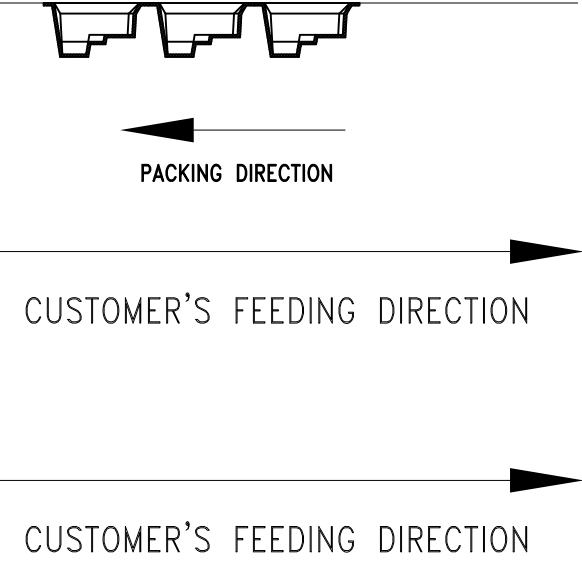
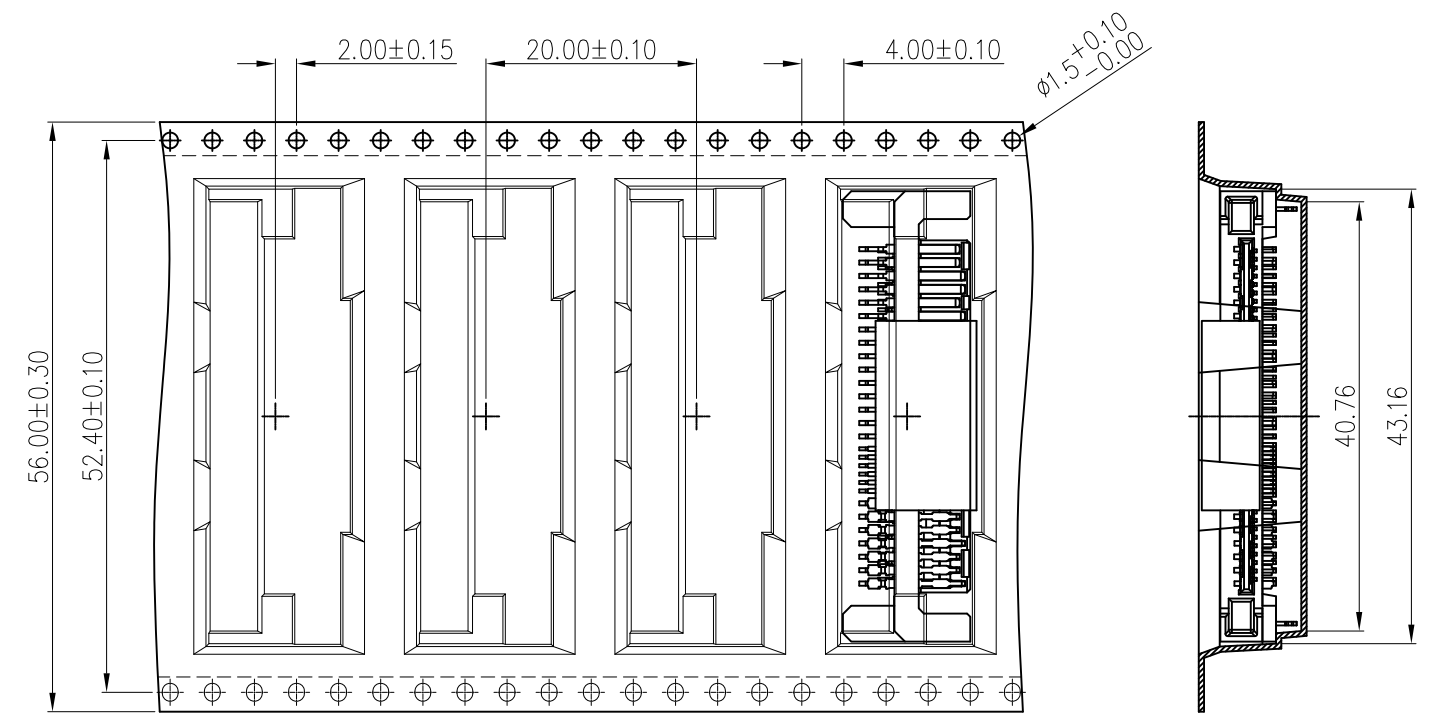
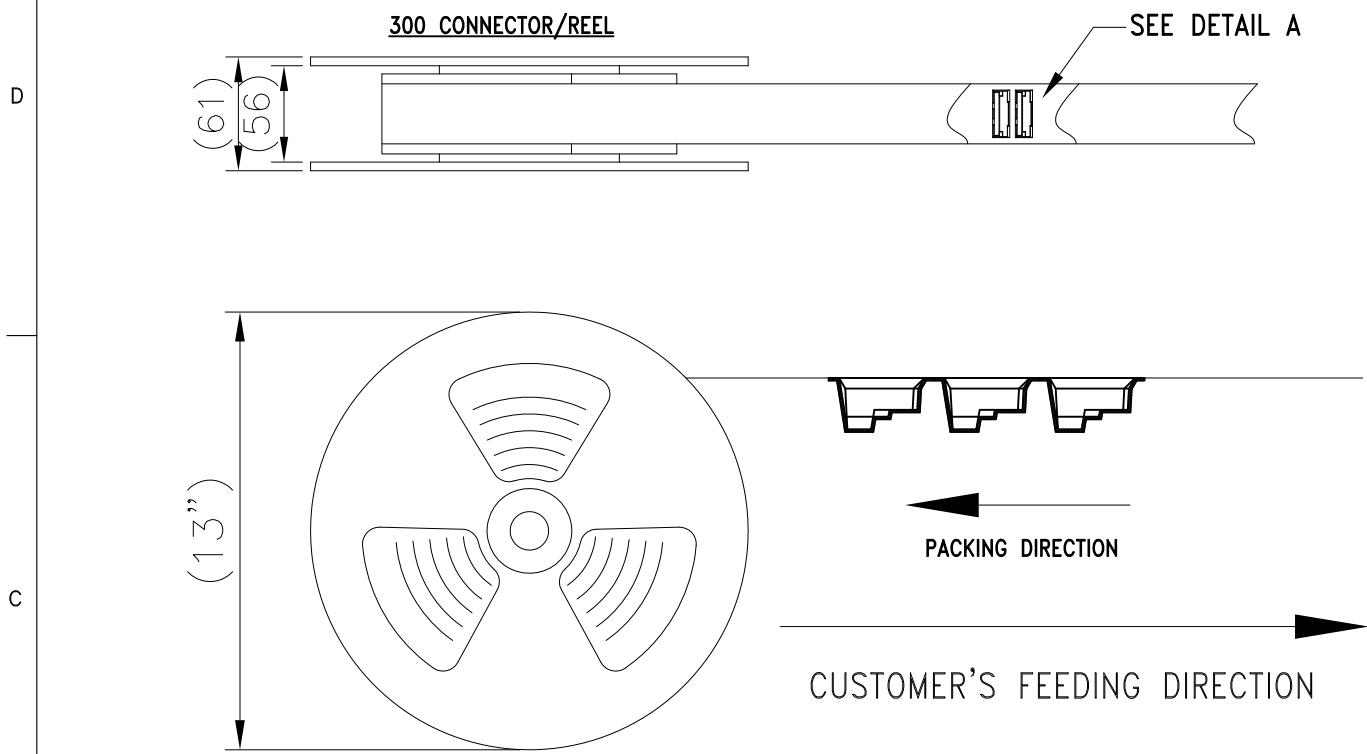
C

B

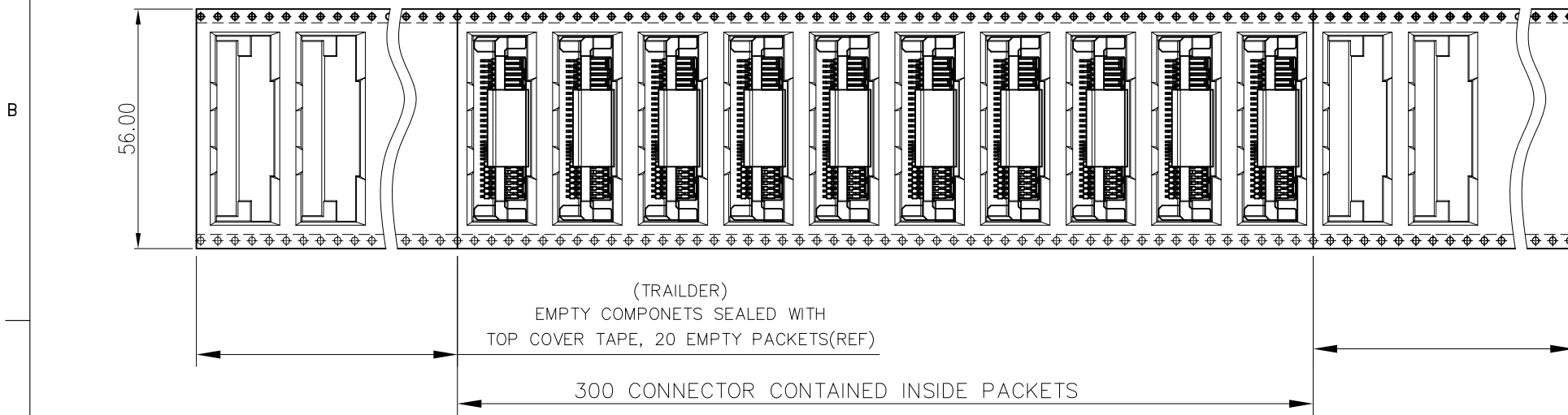
A

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REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
		REFER TO SHEET 1		



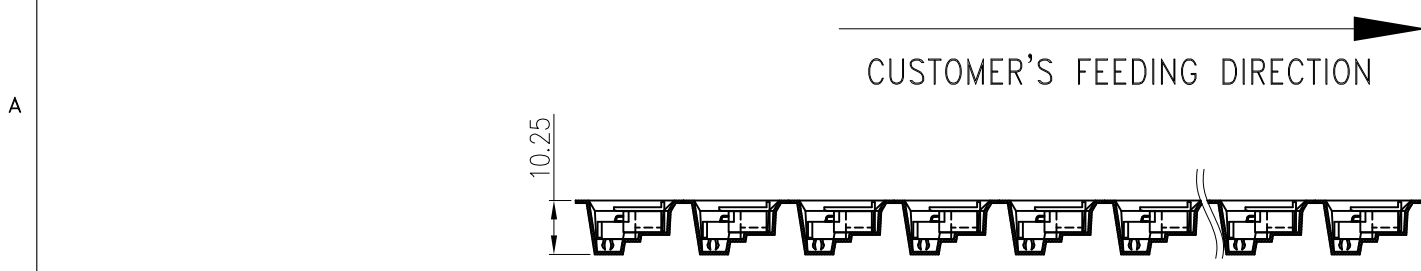
DETAIL A
SCALE 2:1



(TRAILER)
EMPTY COMPONENTS SEALED WITH
TOP COVER TAPE, 20 EMPTY PACKETS(REF)

(LEADER)
EMPTY COMPONENTS SEALED WITH TOP COVER
20 EMPTY PACKETS (REF)

300 CONNECTOR CONTAINED INSIDE PACKETS



UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL	DATE
	U.S. METRIC	DRAWN Evan.Dai	04/27/18
.X	+/- 0.50	CHECKED	
.XX	+/- 0.25	CHECKED	
.XXX	+/- 0.20		
FRACTIONS	+/-		
ANGLES	+/- 3°		
FOR MATERIALS AND FINISHES SEE NOTES		DRAWING FILE : PE MASTER\DRAWING\PSAS\PSASM213041XXX-8	
REMOVE SHARP EDGES		ANGLE OF PROJECTION	
DIMENSIONS			
U.S.	INCHES		
(METRIC)	(MM)		

Amphenol		
Amphenol East Asia Limited		
TITLE Customer Drawing For PCIe SAS R/A SMT Plug Connector		
SIZE A3	DRAWING NO. PSASM213041XXX	REV. 8
SCALE NONE	SHEET 4 OF 4	