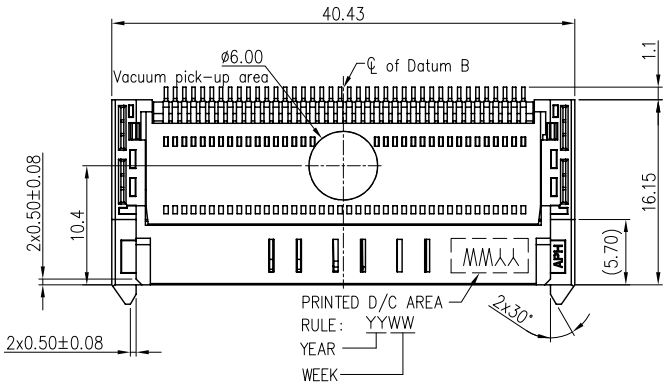
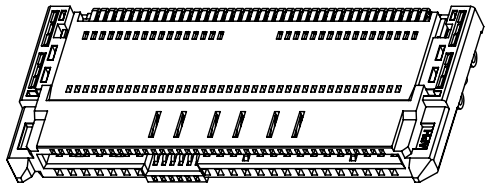
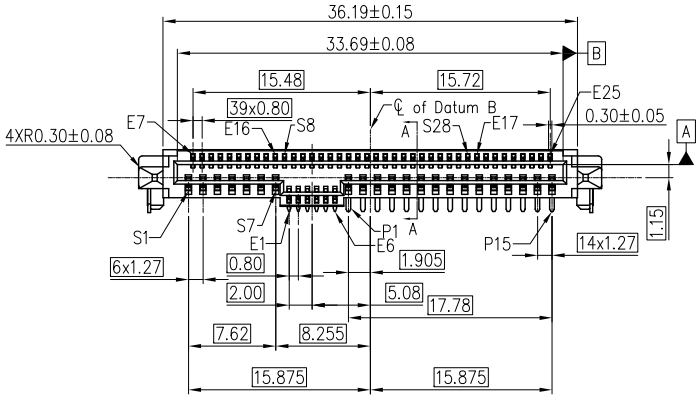
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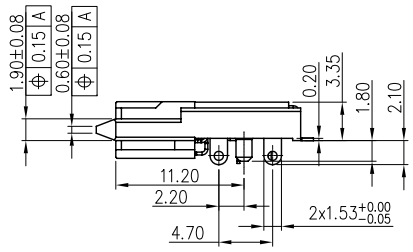
CUSTOMER DRAWING

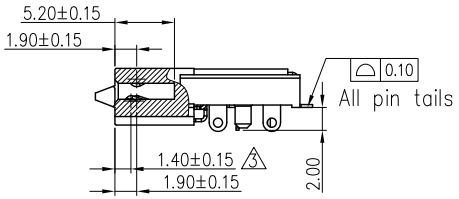
REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
1	HK***	FIRST RELEASE	09/20/16	IP
2	HK7618	ADDED D/C	06/29/17	IP
3	HK7918	ADDED PACKING SPEC	09/14/18	IP
4	NA	ADDED PACKING STYLE BY CUSTOMER'S REQUEST	12/24/18	IP

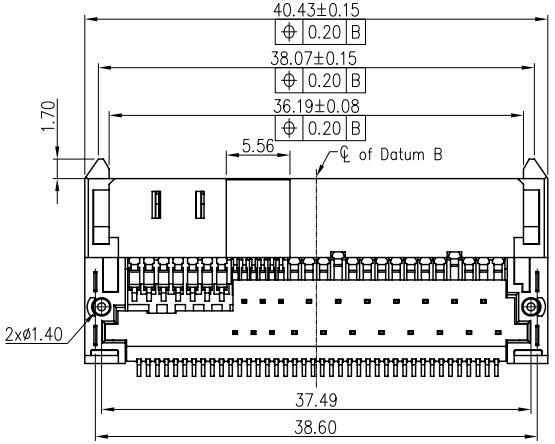












NOTES
1. MATERIAL
   1.1 HOUSING: HIGH TEMPERATURE THERMOPLASTIC, UL94V-0, COLOR: BLACK.
   1.2 CONTACTS : PHOSPHOR BRONZE
      PLATING: REFER TO P/N SYSTEM ON MATING AREA.
      1.27um MIN NICKEL UNDER PLATED OVERALL.
      2.54um MIN PURE MATTE TIN ON SOLDER TAILS.
   1.3 SOLDER CLIPS: COPPER ALLOY
      2.54um MIN PURE MATTE TIN OVER 1.27um MIN NICKEL.
2. GENERAL SPECIFICATION
   2.1 CURRENT RATING: 1.5A/PER PIN (POWER SECTION).
   2.2 CONTACT RESISTANCE: 30mΩ MAX (INITIAL).
   2.3 INSULATOR RESISTANCE: 1000MΩ MIN.
   2.4 DIELECTRIC WITHSTANDING VOLTAGE: 500 VAC
   2.5 OPERATION TEMPERATURE: 0°C~+55°C
3. PREMATING AT P4 & P12
4. SUPPORT PCIe GEN3 AND SAS3.0
5. DIMENSIONING SHALL BE INTERPRETED PER ASME Y14.5M 1994.
6. MATERIAL SHOULD BE FULFILLED AMPHENOL SPEC.# S-SN-002, FOR HALOGEN FREE PRODUCTS, ALSO NEED TO MEET S-SN-004.
7. ORDER P/N SYSTEM: PN WITH OR W/O "-" IS THE SAME

PSASF413005XXX

MATING AREA PLATING
1- 0.76um MIN Au.
2- 0.38um MIN Au.
3- Gold FLASH
4- G/F over PdNi

PACKING STYLE
NIL- TRAY WITHOUT PICK-UP CAP
C- TRAY WITH PICK-UP CAP
TR- TAPE AND REEL WITH PICK-UP CAP
NT- TAPE AND REEL WITHOUT PICK-UP CAP

Amphenol Shenzhen RoHS Compliant 2011/65/EU

HF

UNLESS OTHERWISE SPECIFIED
TOLERANCES
U.S. METRIC
.X +/- 0.50
.XX +/- 0.25
.XXX +/- 0.20
FRACTIONS +/- 3'
ANGLES +/-
FOR MATERIALS AND FINISHES SEE NOTES
REMOVE SHARP EDGES
DIMENSIONS
U.S. INCHES
(METRIC) (MM)

APPROVAL		DATE
DRAWN	Jackie.Tan	12/24/18
CHECKED	Xiang.Wang	12/24/18
CHECKED		

DRAWING FILE : DRAWING\PSAS\PSASF413005XXX-4
ANGLE OF PROJECTION

Amphenol
Amphenol East Asia Limited

TITLE: PCIe/SAS R/A HyBrid RECEPTACLE

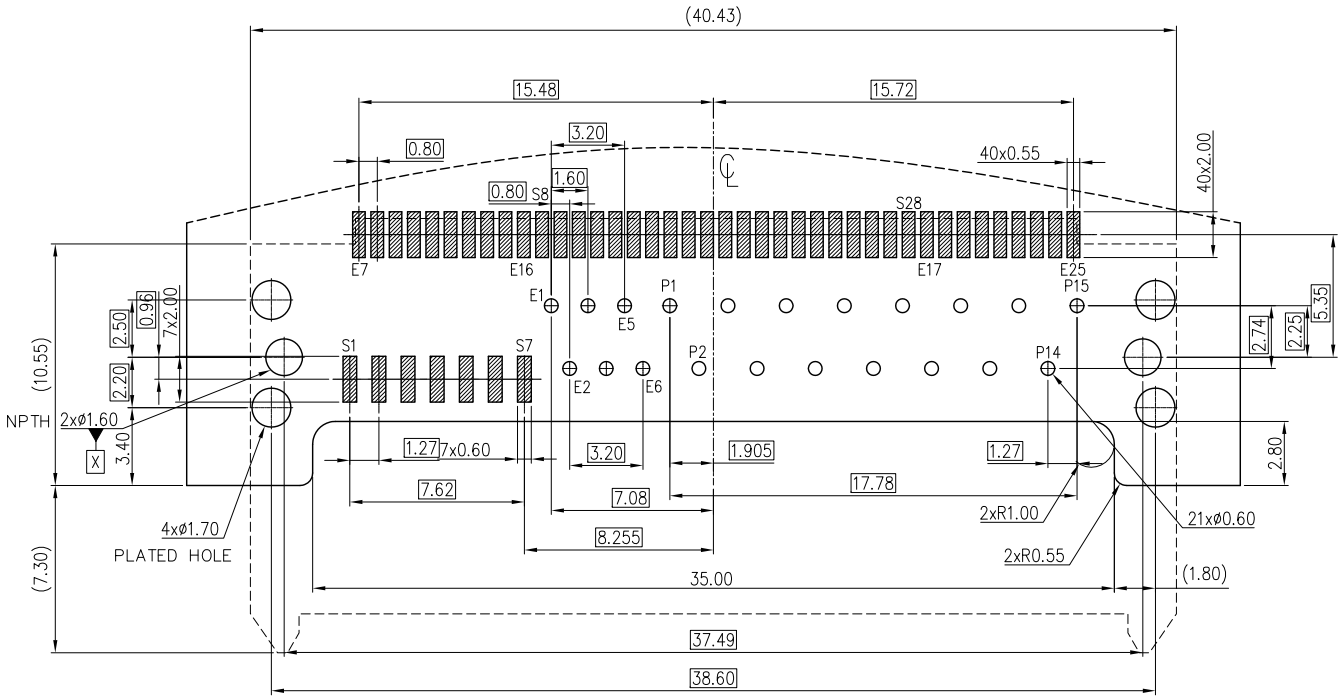
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A3	PSASF413005XXX	4
SCALE	NONE	SHEET 1 OF 3

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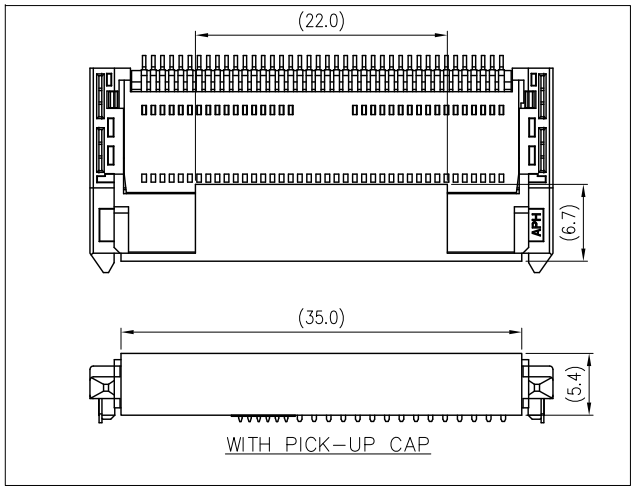
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CUSTOMER DRAWING

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
		REFER TO SHEET 1		



RECOMMENDED PCB LAYOUT
PCB THICKNESS 2.35mm
GENERAL TOLERANCE ±0.05mm



Amphenol Shenzhen RoHS Compliant 2011/65/EU

HF

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		DATE
DRAWN	Jackie.Tan	12/24/18
CHECKED	Xiang.Wang	12/24/18
CHECKED		

DRAWING FILE : DRAWING\PSAS\PSASF413005XXX-4
ANGLE OF PROJECTION

Amphenol
Amphenol East Asia Limited

TITLE: PCIe/SAS R/A HyBrid RECEPTACLE

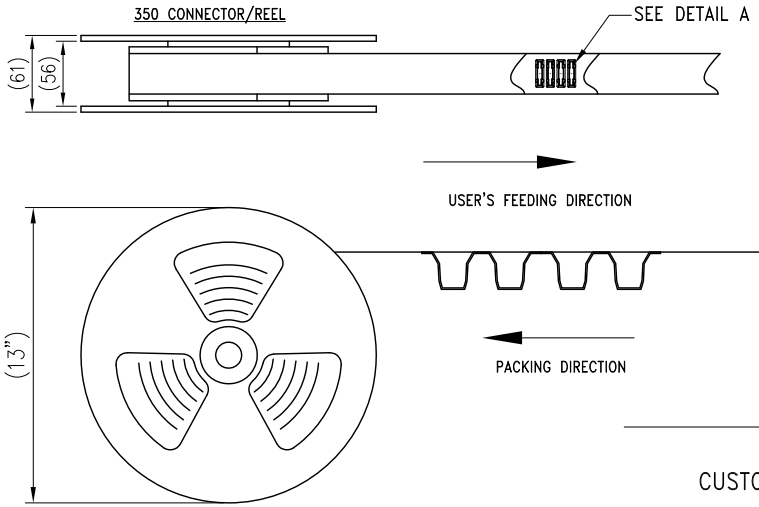
SIZE	DRAWING NO.	REV.
A3	PSASF413005XXX	4
SCALE	NONE	SHEET 2 OF 3

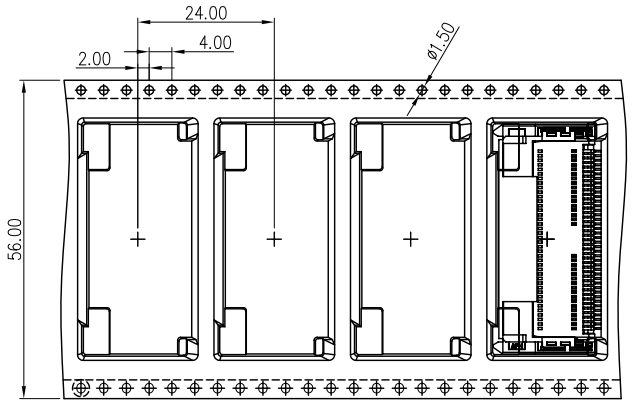
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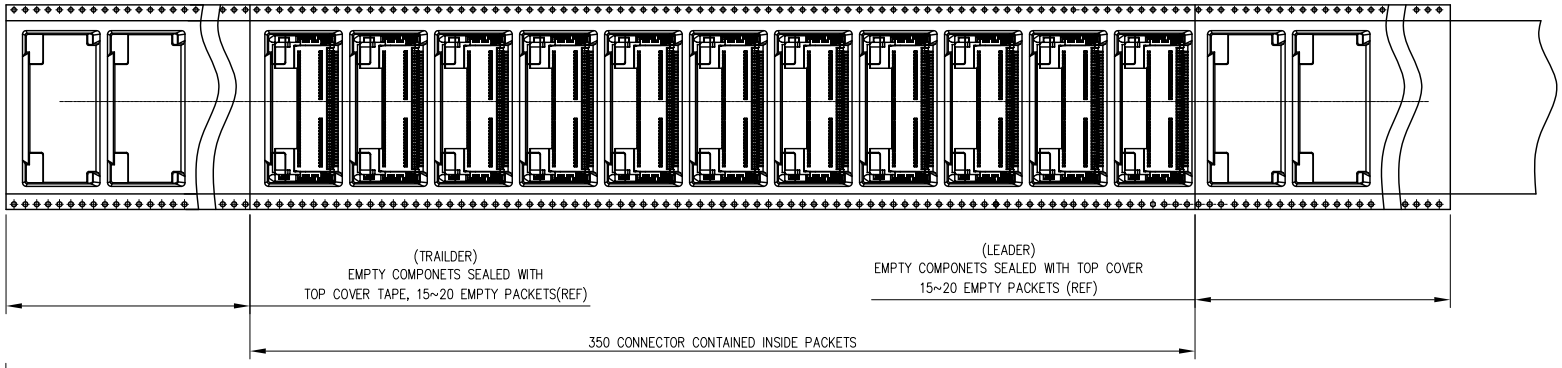
CUSTOMER DRAWING

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
REFER TO SHEET 1				





DETAIL A
SCALE 1:2





Amphenol Shenzhen RoHS Compliant 2011/65/EU

HF

UNLESS OTHERWISE SPECIFIED TOLERANCES			APPROVAL	DATE
	U.S.	METRIC	DRAWN Jackie.Tan	12/24/18
.X +/-		0.50	CHECKED Xiang.Wang	12/24/18
.XX +/-		0.25	CHECKED	
.XXX +/-		0.20		
FRACTIONS +/-			DRAWING FILE :	
ANGLES +/-		3°	DRAWING\PSAS\PSASF413005XXX-4	
FOR MATERIALS AND FINISHES SEE NOTES			ANGLE OF PROJECTION	
REMOVE SHARP EDGES				
DIMENSIONS				
U.S. (METRIC)	INCHES (MM)			

Amphenol

Amphenol East Asia Limited

TITLE: PCIe/SAS R/A HyBrid RECEPTACLE

SIZE	DRAWING NO.	REV.
A3	PSASF413005XXX	4
SCALE	NONE	SHEET 3 OF 3

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