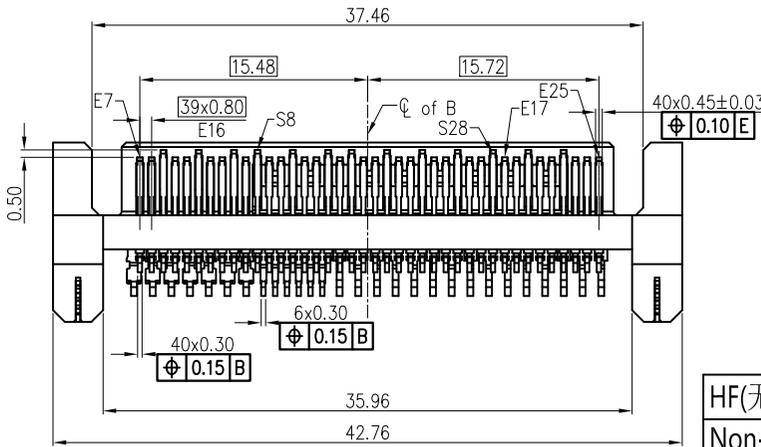
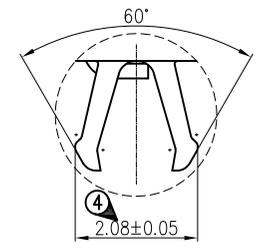
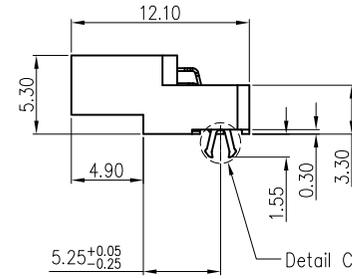
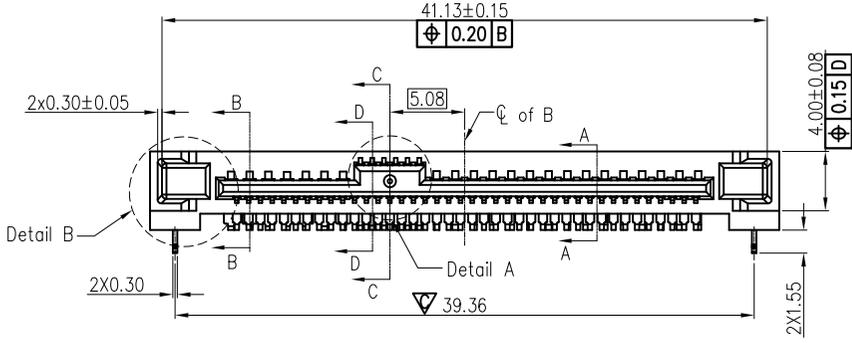
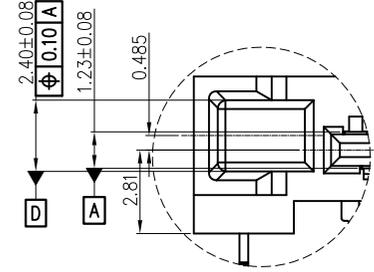
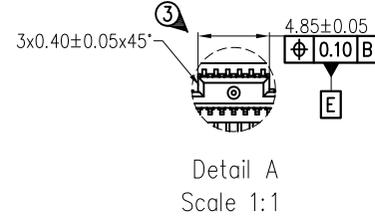
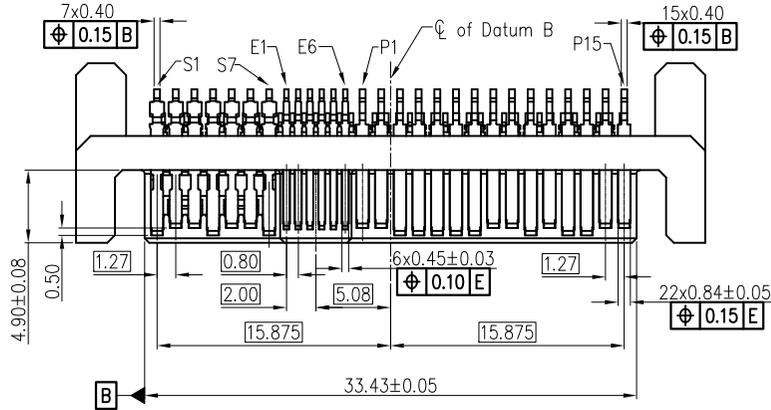


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REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
1	HK---	FIRST RELEASE	03/14/19	Xiang
2	HK---	CHANGE THE WIDTH OF THE BOARDLOCK	03/14/20	Xiang
3	HK---	MODIFY THE DRAWING TO THE REAL OBJECT	05/18/20	Xiang
4	HK8748	MODIFY THE DIMENSION TOLERANCE	06/15/20	Xiang
5	HK9782	ADD CODE"NT" FOR W/O CAP AND TAPE CARRIER PACKAGE	08/17/21	Xiang
6	HK10066	CHANGE THE CAP	01/13'22	Xiang
7	HK10237	CHANGE THE CAP	03/28'22	Xiang



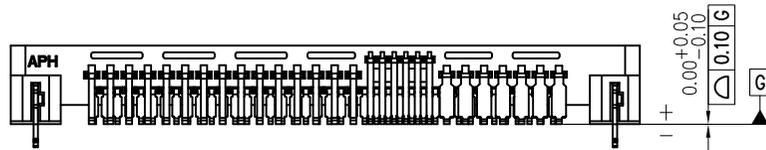
HF(无卤)	√
Non-HF(有卤)	



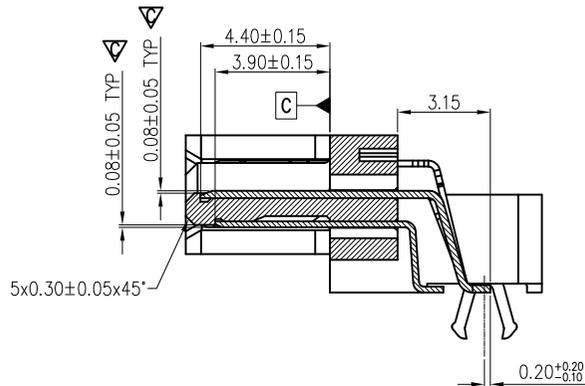
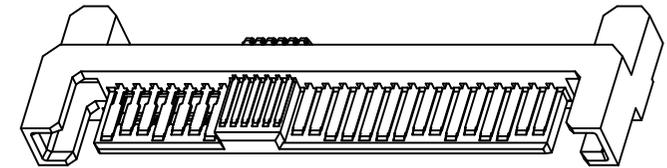
UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL		DATE		Amphenol	
U.S.		DRAWN Jimmy.zhou		03/14/20		Amphenol East Asia Limited	
METRIC		CHECKED				TITLE	
.XX +/- 0.20		CHECKED				PCIE/SAS R/A SMT 68 PIN PLUG	
.XXX +/- 0.15		DRAWING FILE :				SIZE DRAWING NO.	
FRACTIONS +/- 0.10						A3 PSAS4M213018XXX	
ANGLES +/- 3°						REV. 7	
FOR MATERIALS AND FINISHES SEE NOTES		ANGLE OF PROJECTION				SCALE NONE SHEET 1 OF 4	
REMOVE SHARP EDGES							
DIMENSIONS							
U.S. INCHES							
(METRIC) (MM)							

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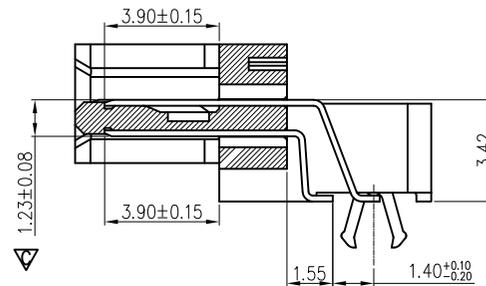
REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
		REFER TO SHEET 1		



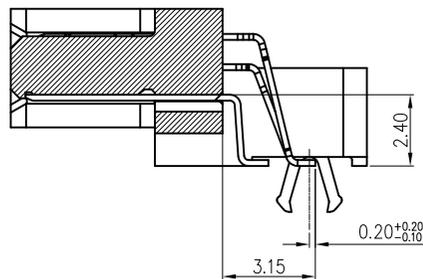
FOR ALL SOLDER TAILS & STAND-OFF SURFACE



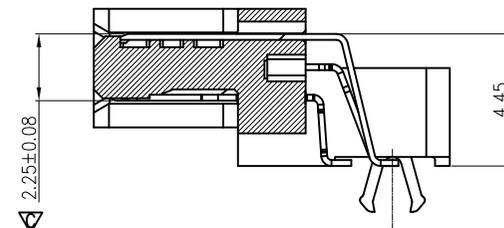
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

NOTES:

- MATERIAL HOUSING: HIGH TEMPERATURE THERMOPLASTIC UL94V-0, COLOR: BLACK.
CONDUCTIVE PLASTIC: LIQUID CRYSTAL POLYMER, UL94V-0, COLOR: BLACK.
CONTACT: COPPER ALLOY
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
- DIMENSIONS MARKED WITH A TRIANGLE ARE THE CRITICAL DIMENSIONS TO FUNCTION.
- MATERIAL SHOULD BE FULFILLED AMPHENOL SPEC.# S-SN-002, FOR HALOGEN FREE PRODUCTS, ALSO NEED TO MEET S-SN-004
- IMPEDANCE: 85 ohm +/-10% WITH RISE TIME 23ps(20%~80%)
- ORDER P/N SYSTEM : PSAS4M213018XXX

MATING AREA PLATING

- 0.76um MIN Au.
- 0.38um MIN Au.
- GOLD FLASH
- C/F OVER PdNi

PACKING STYLE

- NIL- TRAY
- TR- TAPE AND REEL WITH CAP
- NT- TAPE AND REEL W/O CAP

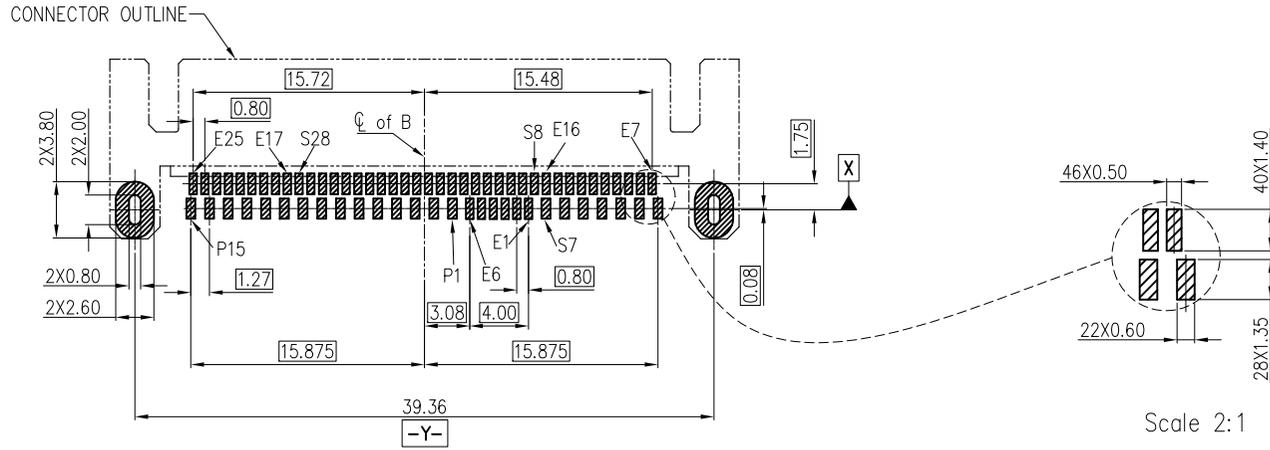
HF(无卤)	✓
Non-HF(有卤)	



UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL	DATE	Amphenol
U.S. METRIC		DRAWN Jimmy.zhou	03/14/20	
X	+/-	CHECKED		TITLE
.XX	+/-	CHECKED		PCIE/SAS R/A SMT 68 PIN PLUG
.XXX	+/-			SIZE DRAWING NO.
FRACTIONS	+/-			A3 PSAS4M213018XXX
ANGLES	+/-			REVISION
FOR MATERIALS AND FINISHES SEE NOTES				7
REMOVE SHARP EDGES		ANGLE OF PROJECTION		SCALE
DIMENSIONS				NONE
U.S. INCHES				SHEET 2 OF 4
(METRIC) (MM)				

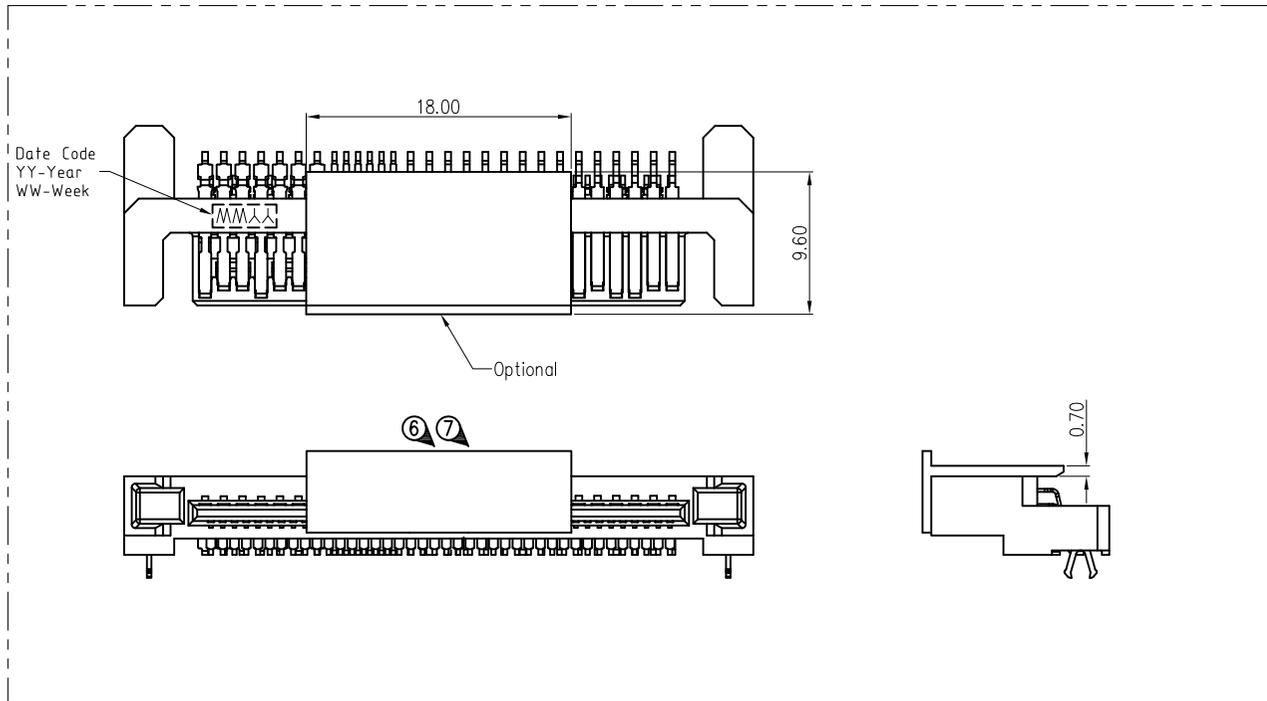
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REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
		REFER TO SHEET 1		



RECOMMENDED PCB LAYOUT
THICKNESS: 1.00mm/GENERAL TOLERANCE ±0.05

Scale 2:1

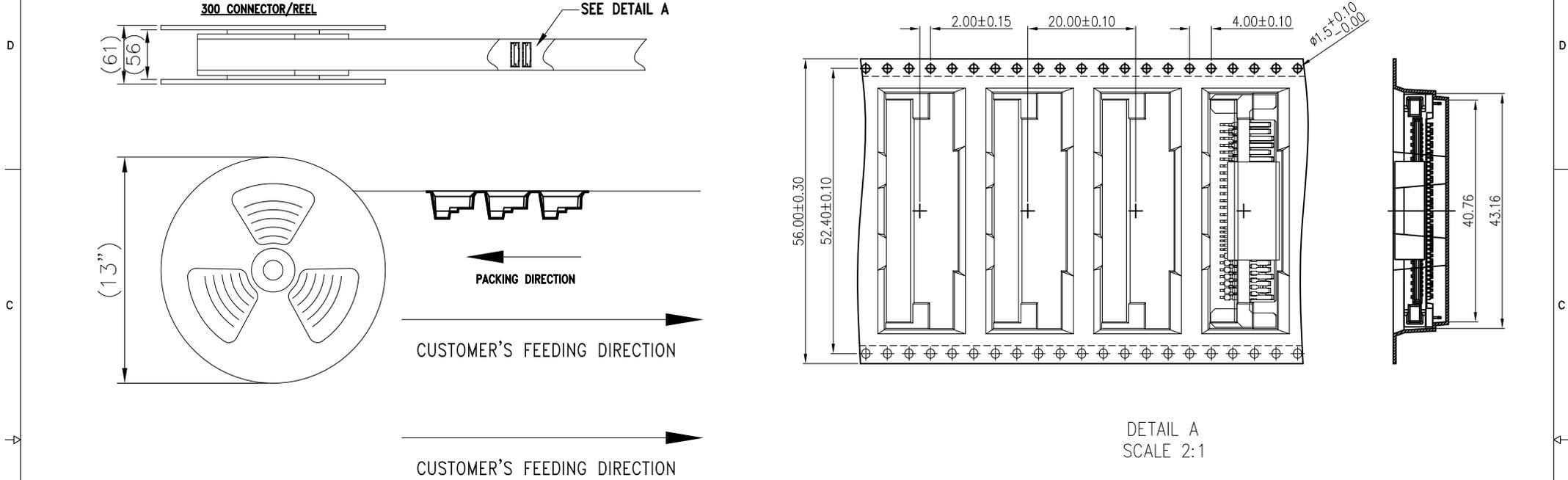


HF(无卤)	√
Non-HF(有卤)	

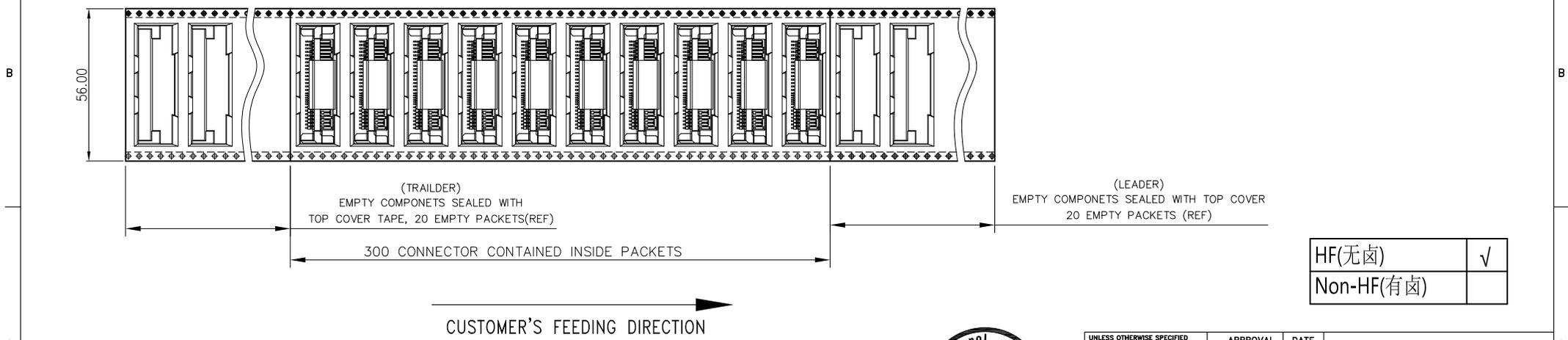
UNLESS OTHERWISE SPECIFIED TOLERANCES U.S. METRIC .X +/- 0.20 .XX +/- 0.15 .XXX +/- 0.10 FRACTIONS +/- ANGLES +/- 3° FOR MATERIALS AND FINISHES SEE NOTES REMOVE SHARP EDGES DIMENSIONS U.S. INCHES (METRIC) (MM)	APPROVAL	DATE	Amphenol Amphenol East Asia Limited TITLE PCIE/SAS R/A SMT 68 PIN PLUG SIZE DRAWING NO. A3 PSAS4M213018XXX SCALE NONE SHEET 3 OF 4
	DRAWN	03/14/20	
	CHECKED		
	CHECKED		
DRAWING FILE :		ANGLE OF PROJECTION	REV. 7

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REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
REFER TO SHEET 1				



DETAIL A
SCALE 2:1



HF(无卤)	√
Non-HF(有卤)	



<small>UNLESS OTHERWISE SPECIFIED TOLERANCES</small> U.S. METRIC .X +/- 0.20 .XX +/- 0.15 .XXX +/- 0.10 FRACTIONS +/- ANGLES +/- 3° <small>FOR MATERIALS AND FINISHES SEE NOTES</small> REMOVE SHARP EDGES DIMENSIONS U.S. INCHES (METRIC) (MM)	<small>APPROVAL</small> DRAWN Jimmy.zhou 12/27'21 CHECKED Xiang.wang 12/27'21 CHECKED <small>DRAWING FILE :</small>	<small>DATE</small> 12/27'21	Amphenol Amphenol East Asia Limited <small>TITLE</small> PCIE/SAS R/A SMT 68 PIN PLUG <small>SIZE DRAWING NO.</small> A3 PSAS4M213018XXX <small>SCALE</small> NONE SHEET 4 OF 4
	<small>ANGLE OF PROJECTION</small> 	<small>REV.</small> 7	
	<small>DATE</small> 12/27'21	<small>REV.</small> 7	
	<small>SCALE</small> NONE SHEET 4 OF 4	<small>REV.</small> 7	