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# CUSTOMER DRAWING

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
1	CDXXXX	FIRST RELEASE	Feb.22,2019	YH
2	CDXXXX	update the model	May.20,2019	YH

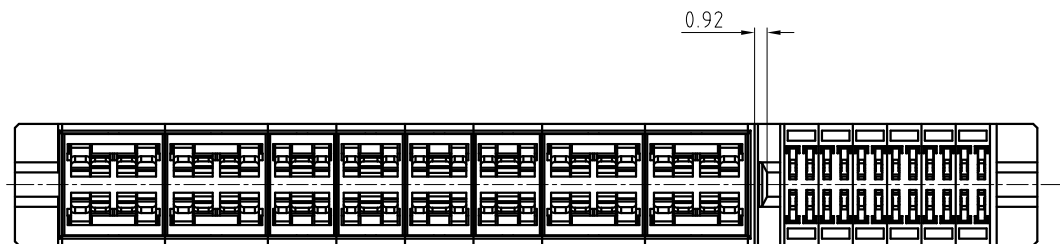
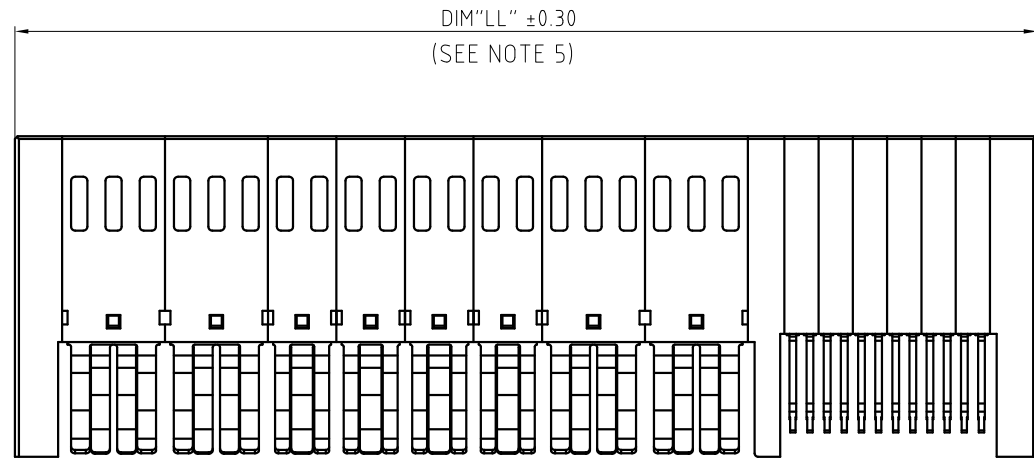
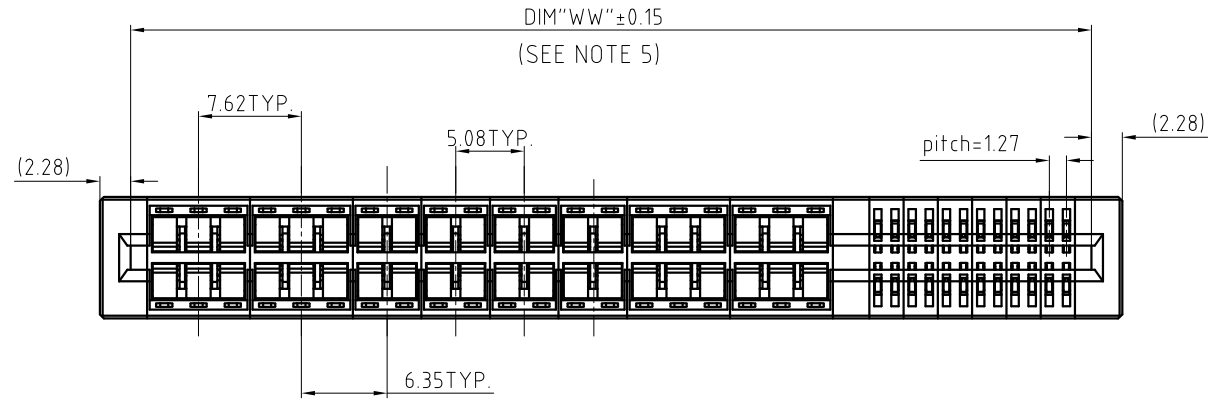
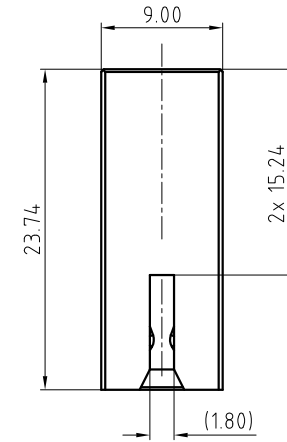


TABLE A:

VARIABLE	"PP"	"SS"	DIM "LL" (CONNECTOR WIDTH)	DIM "WW" (WINDOW WIDTH)
VALUE	POWER PIN COUNT	SIGNAL PIN COUNT	"PP"×1.27+"SS"×0.635+9.7	"PP"×1.27+"SS"×0.635+5.14



UNLESS OTHERWISE SPECIFIED <b>TOLERANCES</b> U.S. METRIC .X +/- 0.50 .XX +/- 0.25 .XXX +/- 0.15 FRACTIONS +/- ANGLES +/- 2° FOR MATERIALS AND FINISHES SEE NOTES REMOVE SHARP EDGES DIMENSIONS U.S. INCHES (METRIC) (mm)	APPROVAL DRAWN: Brade.Zou CHECKED APPROVED	DATE May.20,2019	<b>Amphenol</b>
	DRAWING FILE : Internal\DRAWING\HPG\C HPGXXPXXSSXXXX	TITLE XXP+XXS Straddle Mount High Power Gold-Finger Connector	
	ANGLE OF PROJECTION 	SIZE: A3 SCALE: NONE	DRAWING NO.: C HPG-XXP-XXS-S-S-XX-X-X SHEET 1 OF 4
	REV. 2		

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REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
		SEE SHEET 1		

# CUSTOMER DRAWING

## RECOMMENDED MATTING CARD LAYOUT

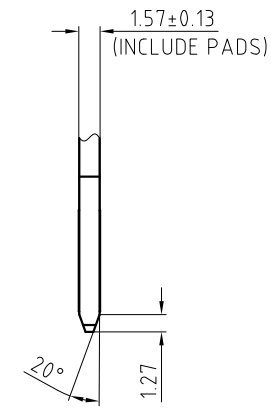
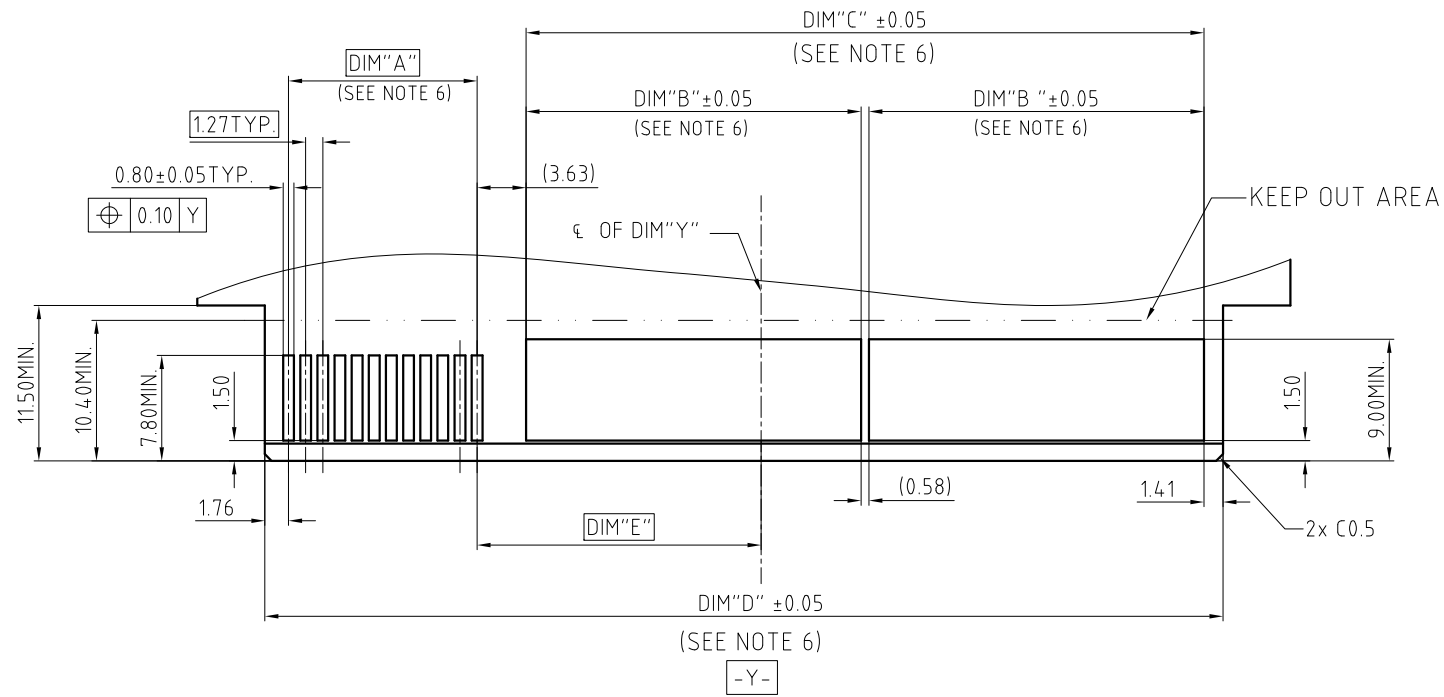


TABLE B:

VARIABLE	"PP"	"SS"	DIM "A"	DIM "B"	DIM "C"	DIM "D"	DIM "E"
VALUE	POWER PIN COUNT	SIGNAL PIN COUNT	"SS" × 0.635 - 1.27	"PP" × 0.635 - 0.58	"PP" × 1.27 - 0.58	"PP" × 1.27 + "SS" × 0.635 + 4.94	"PP" × 0.635 - 4.37



UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL		DATE		Amphenol	
U.S. METRIC		DRAWN	Brade.Zou	May.20,2019			
.X +/-	0.25	CHECKED		APPROVED			
.XX +/-	0.15	DRAWING FILE :		TITLE			
.XXX +/-	0.05	Internal\DRAWING\HPG\C HPGXXPXXSSSSXXX		XXP+XXS Straddle Mount			
FRACTIONS +/-		ANGLE OF PROJECTION		High Power Gold-Finger Connector			
ANGLES +/-	2°	REMOVE SHARP EDGES		SIZE	DRAWING NO.	REV.	
FOR MATERIALS AND FINISHES SEE NOTES		DIMENSIONS		A3	C HPG-XXP-XXS-S-S-XX-X-X	2	
REMOVE SHARP EDGES		- U.S. - INCHES		SCALE	NONE	SHEET 2 OF 4	
		(METRIC) (mm)					

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REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
		SEE SHEET 1		

# CUSTOMER DRAWING

## RECOMMENDED MOTHER BOARD LAYOUT

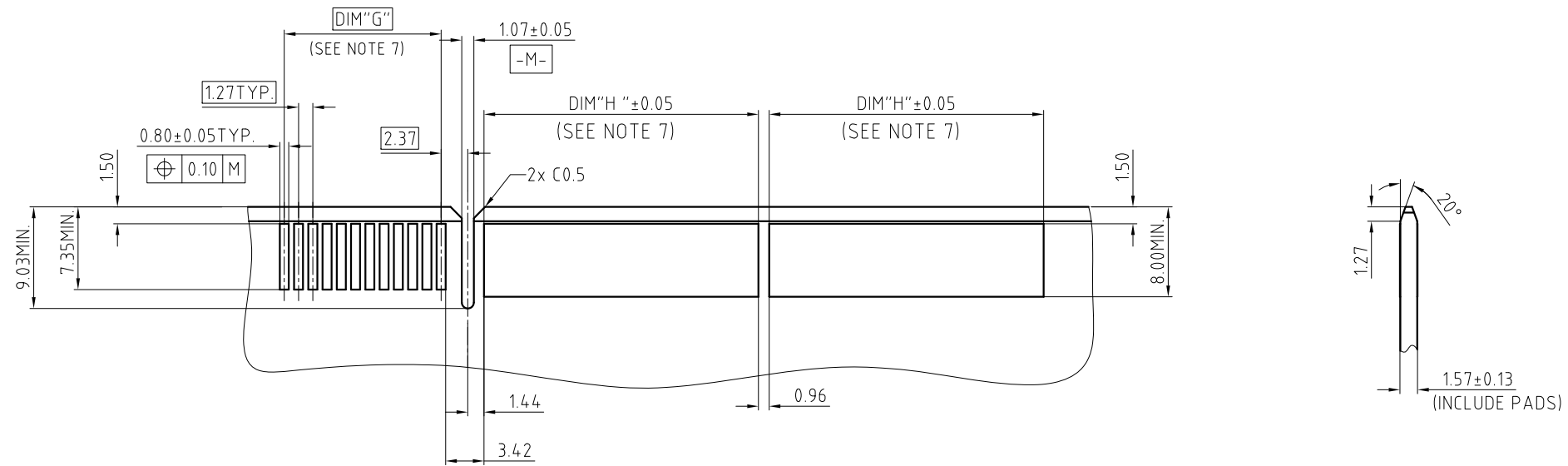


TABLE C:

VARIABLE	"PP"	"SS"	DIM"G"	DIM"H"
VALUE	POWER PIN COUNT	SIGNAL PIN COUNT	"SS"×0.635-1.27	"PP"×0.635-0.96



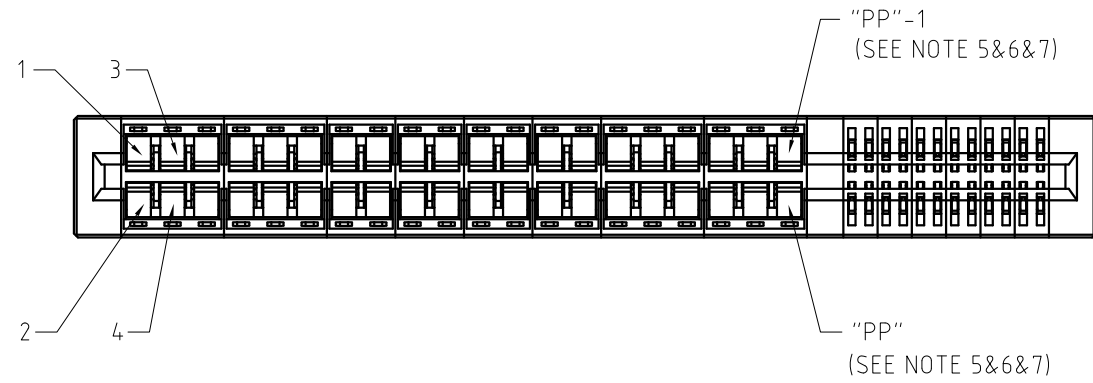
UNLESS OTHERWISE SPECIFIED <b>TOLERANCES</b> U.S. METRIC .X +/- 0.25 .XX +/- 0.15 .XXX +/- 0.05 FRACTIONS +/- ANGLES +/- 2° FOR MATERIALS AND FINISHES SEE NOTES REMOVE SHARP EDGES DIMENSIONS U.S. INCHES (METRIC) (mm)	APPROVAL DRAWN Brade.Zou CHECKED APPROVED	DATE May.20,2019	<b>Amphenol</b>  TITLE XXP+XXS Straddle Mount High Power Gold-Finger Connector
	DRAWING FILE : Internal\DRAWING\HPG\C HPGXXPXXSSSSXXX		
	ANGLE OF PROJECTION 		
	SIZE <b>A3</b>	DRAWING NO. C HPG-XXP-XXS-S-S-XX-X-X	
SCALE NONE		SHEET 3 OF 4	

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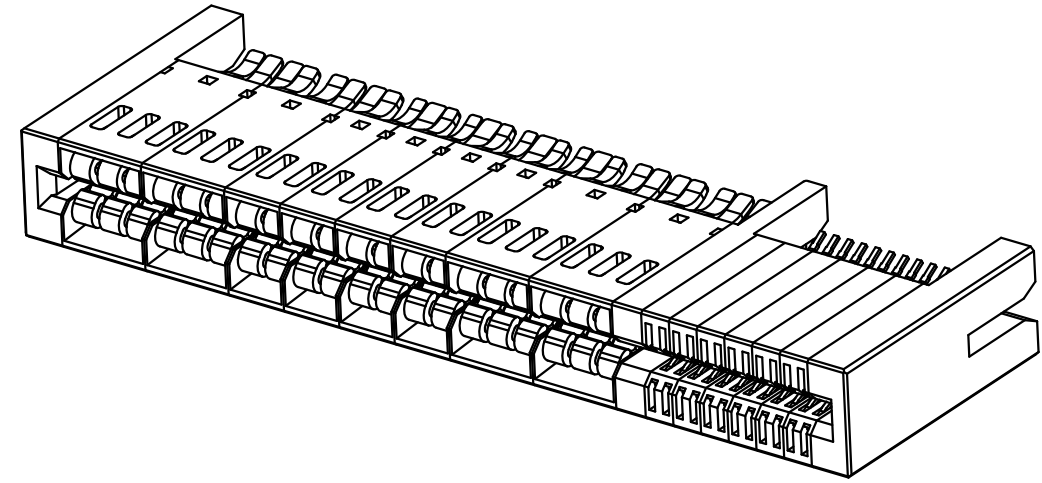
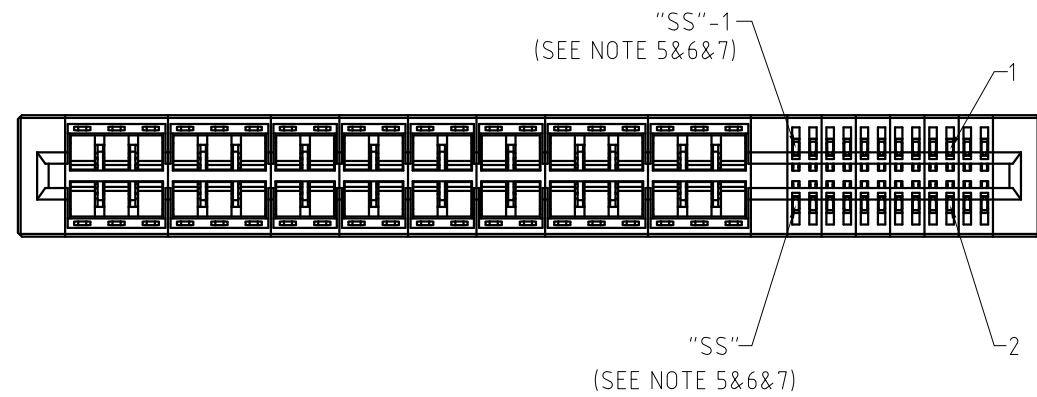
REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
		SEE SHEET 1		

# CUSTOMER DRAWING

POWER PIN COUNT VIEW



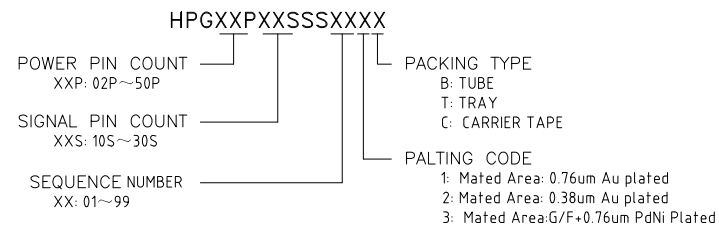
SIGNAL PIN COUNT VIEW



NOTE:

- MATERIAL:  
HOUSING: HIGH TEMPERATURE THERMOPLASTIC, BLACK UL94-V0, HALOGEN FREE.  
CONTACT: COPPER ALLOY
- PLATING:  
MATING AREA: SEE PN SYSTEM  
SOLDER AREA: TIN OVER Ni UNDERPLATED.  
UNDER PLATED: 1.27um MIN. Ni UNDERPLATED ALL AREA.
- CARD THICKNESS: 1.60MM.
- RECOMMENDED PCB THICKNESS: 1.60MM ~ 2.40MM
- VARIABLE DIMENSION OF CONNECTOR SHOW IN TABLE A (IN SHEET 1)
- VARIABLE DIMENSION OF MATING CARD SHOW IN TABLE B (IN SHEET 2)
- VARIABLE DIMENSION OF HOST BOARD SHOW IN TABLE C (IN SHEET 3)
- MATERIAL SHOULD BE FULFILLED AMPHENOL SEPC # SSN002;  
FOR HALOGEN FREE PRODUCTS, ALSO NEED TO MEET S-SN-004.
- ORDER PN: REFER TO PN SYSTEM

PN SYSTEM:



UNLESS OTHERWISE SPECIFIED <b>TOLERANCES</b> U.S.    METRIC .X    +/-    0.25 .XX   +/-    0.15 .XXX +/-    0.05 FRACTIONS +/- ANGLES +/-    2° FOR MATERIALS AND FINISHES SEE NOTES REMOVE SHARP EDGES DIMENSIONS — U.S. —    INCHES (METRIC)    (mm)	APPROVAL DRAWN    Brade.Zou CHECKED APPROVED	DATE May.20,2019	<b>Amphenol</b>	
	DRAWING FILE : Internal\DRAWING\HPG\C HPGXXPXXSSSXXXX	TITLE XXP+XXS Straddle Mount High Power Gold-Finger Connector		
	ANGLE OF PROJECTION 	SIZE    DRAWING NO. A3    C HPG-XXP-XXS-S-S-XX-X-X	REV. 2	
	SCALE    NONE    SHEET 4 OF 4			