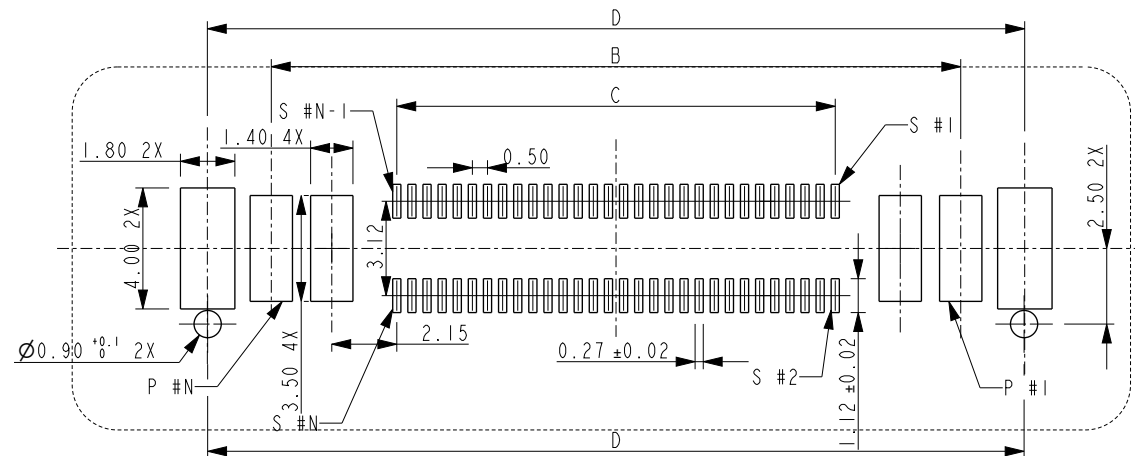
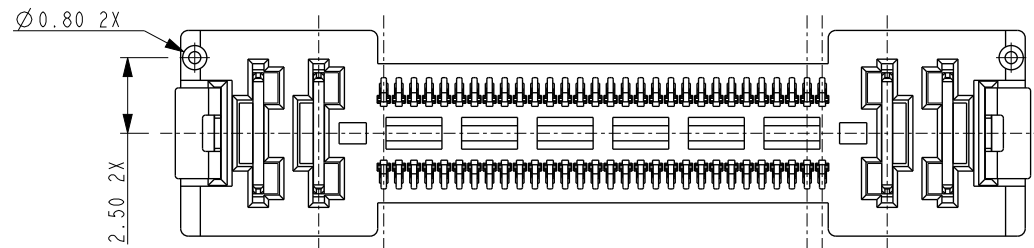
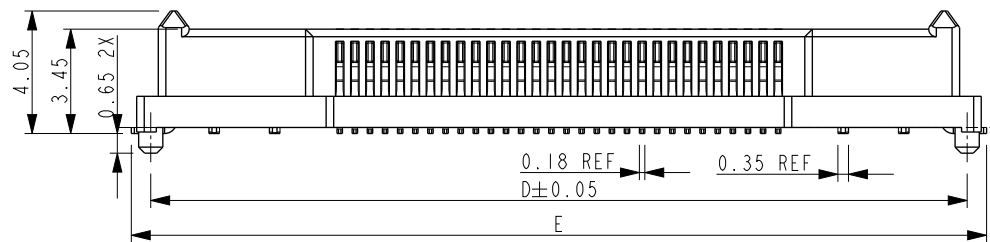
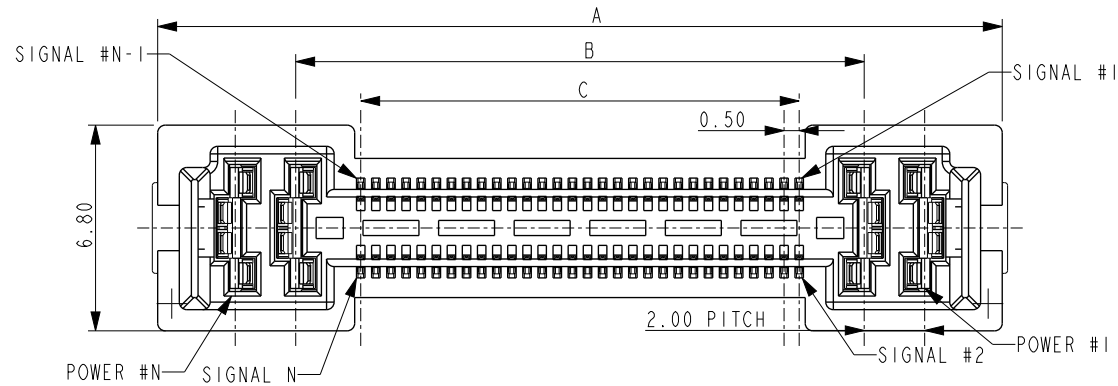


REC 1



RECOMMENDED PCB LAYOUT
TOLERANCE +/-0.05

NOTE:

1. MATERIAL:

- 1.1 HOUSING: THERMOPLASTIC, BLACK, UL94-V0;
- 1.2 TERMINAL: COPPER ALLOY;
- 1.3 HOLD DOWN: COPPER ALLOY;

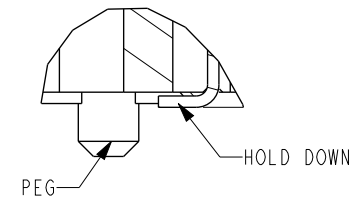
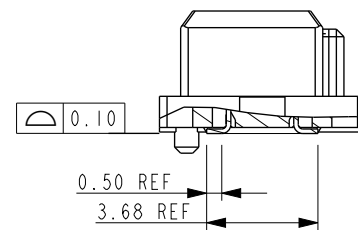
2. PLATING:

- 2.1 TERMINA: SEE SHEET 2 PLATING OPTION.
- 2.2 HOLD DOWN: NI UNDER PLATING, ALL OVER MATTE TIN

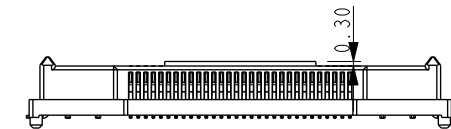
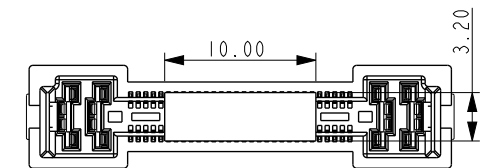
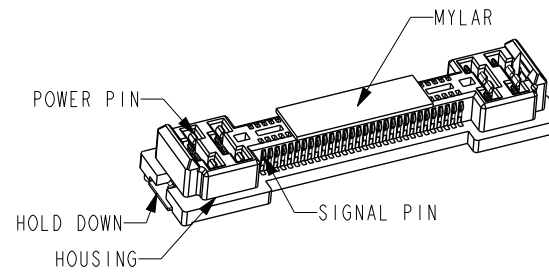
3. SEE GS-12-1861 FOR PRODUCT SPEC.

4. THE HOUSING WILL WITHSTAND EXPOSURE UP TO 260°C PEAK TEMPERATURE FOR 30 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.

5. ALL SOLDER TAIL OF COMPLANARITY: 0.1MM MAX



PEG AND HOLD DOWN ARE OPTIONAL

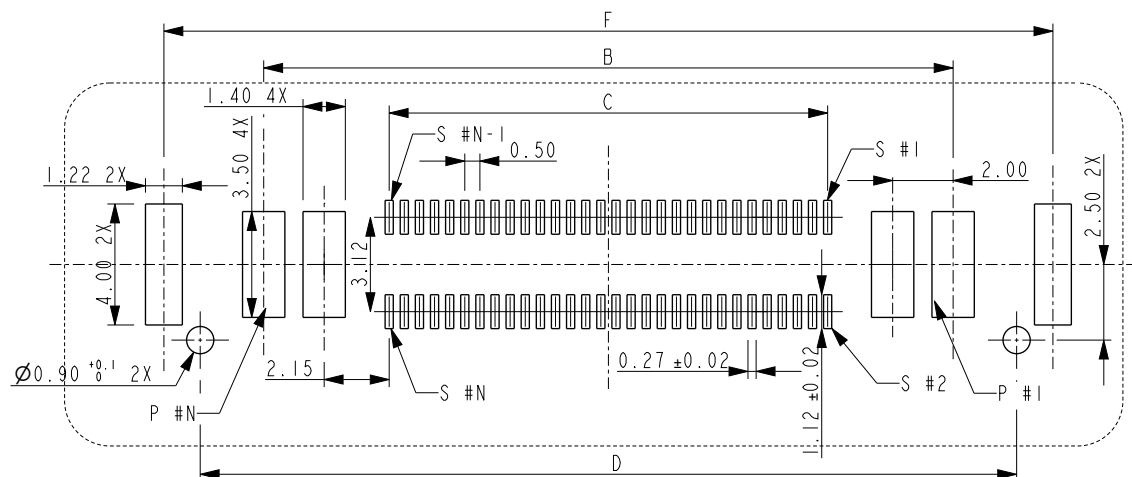
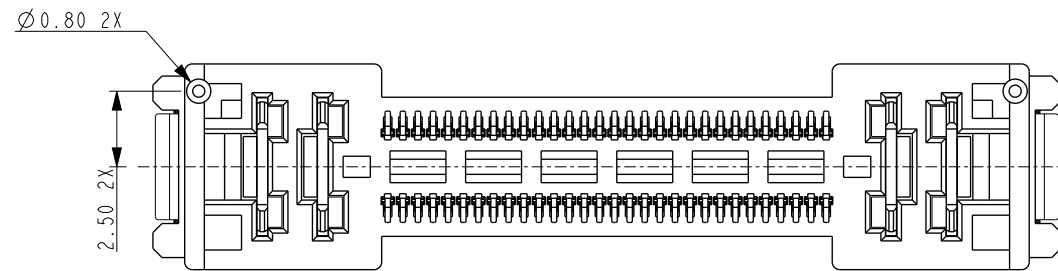
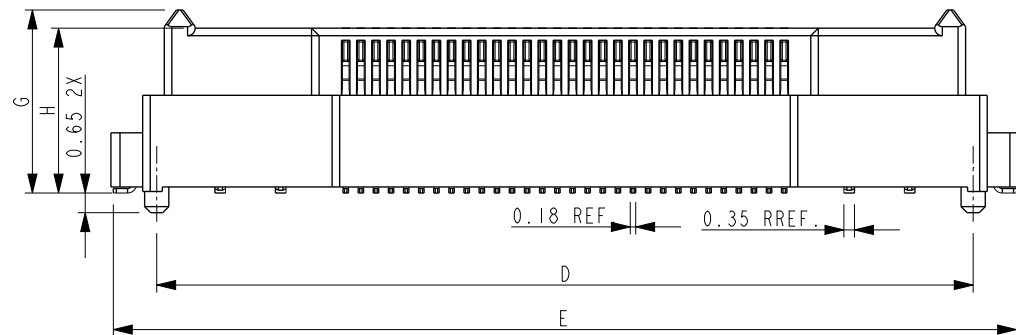
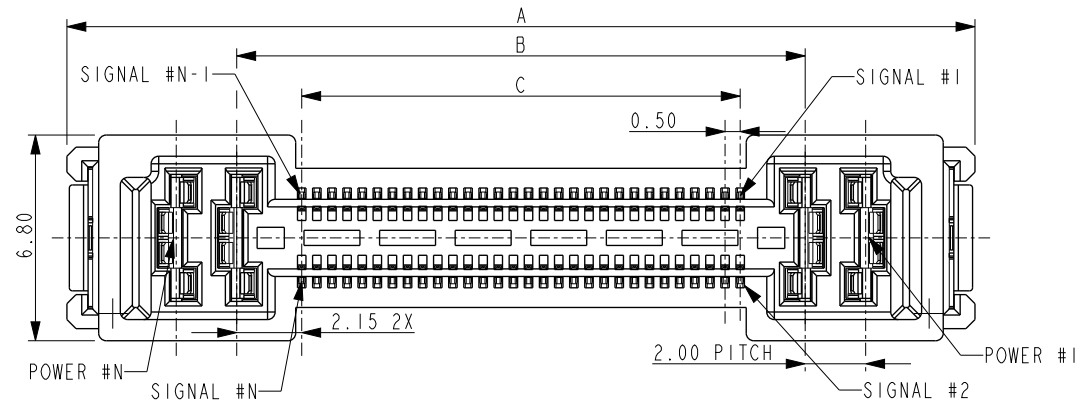


DIMENSION OF THE MYLAR

DIMENSION	COMPUTATIONAL FORMULA
DIM"A"	(SIGNAL POSITION/2-1)X0.5+(POWER POSITION-1)X2+7.43
DIM"B"	(SIGNAL POSITION/2-1)X0.5+(POWER POSITION-1)X2+2.30
DIM"C"	(SIGNAL POSITION/2-1)X0.5
DIM"D"	(SIGNAL POSITION/2-1)X0.5+(POWER POSITION-1)X2+6.50
DIM"E"	(SIGNAL POSITION/2-1)X0.5+(POWER POSITION-1)X2+7.79

spec ref	dr	Sanford Lu	2023/07/21	projection	MM	size	A3	scale	1:1
tolerance std	eng	Sanford Lu	2023/07/26	chr	-	ecn no			
ISO 406	appr	Tim Yao	2023/07/26	product family	-	rel level	Released		
ISO 1101									
surface	linear	0.X	±0.30	Amphenol FCI	RECEPTACLE	dwg no	10168779	rev	A
ISO 1302	angular	0.XX	±0.15		COMBOSTAK 0.5mm HS				
		0.XXX	±0.10						
		0°	±°						
				cat. no.	-	Product - Customer Drw	sheet 1 of 3		

REC 2~4



RECOMMENDED PCB LAYOUT
TOLERANCE +/-0.05

NOTE:

1. MATERIAL:

- 1.1 HOUSING: THERMOPLASTIC, BLACK, UL94-V0;
- 1.2 TERMINAL: COPPER ALLOY;
- 1.3 HOLD DOWN: COPPER ALLOY;

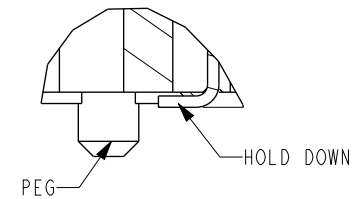
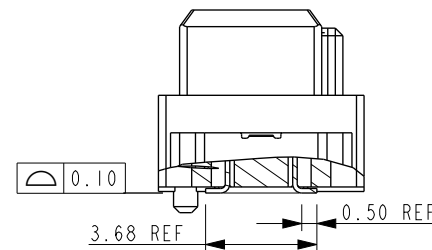
2. PLATING:

- 2.1 TERMINA: SEE SHEET 2 PLATING OPTION.
- 2.2 HOLD DOWN: NI UNDER PLATING, ALL OVER MATTE TIN

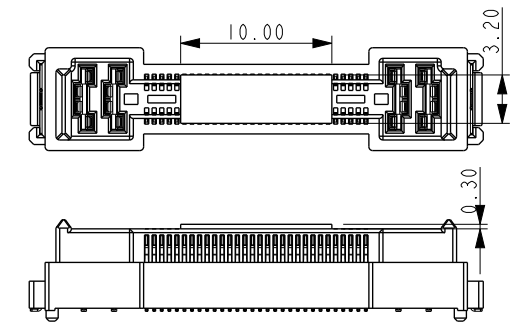
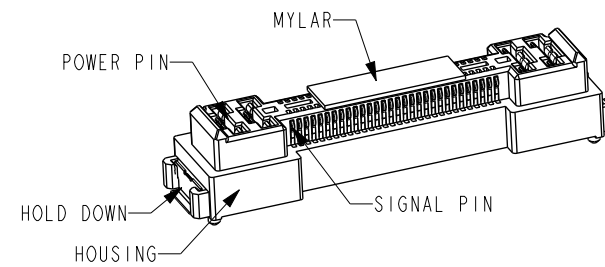
3. SEE GS-12-1861 FOR PRODUCT SPEC.

4. THE HOUSING WILL WITHSTAND EXPOSURE UP TO 260°C PEAK TEMPERATURE FOR 30 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.

5. ALL SOLDER TAIL OF COMPLANARITY: 0.1MM MAX



PEG AND HOLD DOWN ARE OPTIONAL



DIMENSION OF THE MYLAR

REC TYPE	P/N	DIM"G"	DIM"H"
REC 2	10168779-2XXXXXXLF	5.05	4.45
REC 3	10168779-3XXXXXXLF	6.05	5.45
REC 4	10168779-4XXXXXXLF	7.05	6.45

DIMENSION	COMPUTATIONAL FORMULA
DIM"A"	(SIGNAL POSITION/2-1)X0.5+(POWER POSITION-1)X2+9.53
DIM"B"	(SIGNAL POSITION/2-1)X0.5+(POWER POSITION-1)X2+2.30
DIM"C"	(SIGNAL POSITION/2-1)X0.5
DIM"D"	(SIGNAL POSITION/2-1)X0.5+(POWER POSITION-1)X2+6.50
DIM"E"	(SIGNAL POSITION/2-1)X0.5+(POWER POSITION-1)X2+9.37
DIM"F"	(SIGNAL POSITION/2-1)X0.5+(POWER POSITION-1)X2+8.90

spec ref	dr	Sanford Lu	2023/07/21	projection	MM	size	A3	scale	1:1
tolerance std	eng	Sanford Lu	2023/07/26	chr	-	ecn no			
ISO 406	appr	Tim Yao	2023/07/26	product family	-	rel level	Released		
ISO 1101									
surface	linear	0.X	±0.30	Amphenol FCI	RECEPTACLE	dwg no	10168779	rev	A
ISO 1302	angular	0°	±°		COMBOSTAK 0.5mm HS				
				cat. no.	-	Product - Customer Drw	sheet 2 of 3		

10168779- X X XX X X X LF

REC TYPE:

- 1= REC 1
2= REC 2
3= REC 3
4= REC 4

POWER PIN POSITION:

- 2= 1+1
4= 2+2
6= 3+3
8= 4+4
A= 5+5

SIGNAL PIN POSITION:

- 20= 2X10
40= 2X20
60= 2X30
70= 2X35
80= 2X40
A0= 2X50
B0= 2X60

LF= LEAD FREE

PLATING:

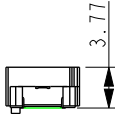
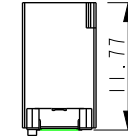
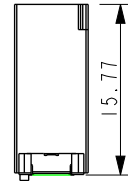
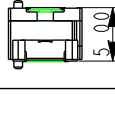
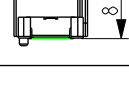
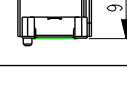
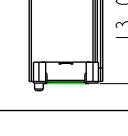
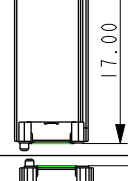
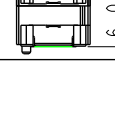
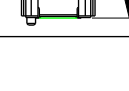
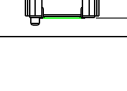
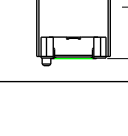
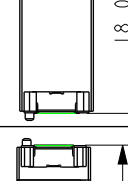
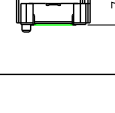
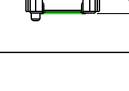
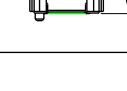
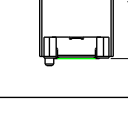
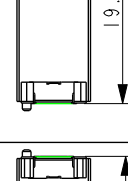
- 0= GOLD FLASH (2u" MIN.)
1= 15u" Au
2= 30u" Au

PACKING TYPE:

- 0= TAPE AND REEL WITH MYLAR

PEG & HOLD DOWN OPTION:

CODE	PEG	HOLD
0	YES	YES
1	NO	YES
2	YES	NO
3	NO	NO

10168778						
	COMBINATION OF MATED HEIGHT	HEADER 1	HEADER 1.5	HEADER 2	HEADER 3	HEADER 4
10168779	REC 1					
	REC 2					
	REC 3					
	REC 4					

spec ref				dr	Sanford Lu	2023/07/21	projection	MM	size	A3	scale	1:1
tolerance std				eng	Sanford Lu	2023/07/26			ecn no			
ISO 406 ISO 1101				chr	-	-			rel level			
TOLERANCES UNLESS OTHERWISE SPECIFIED				appr	Tim Yao	2023/07/26			Released			
							product family			-		
surface	linear	0.X	±0.30	Amphenol FCi	title	RECEPTACLE COMBOSTAK 0.5mm HS			dwg no	10168779		rev
		0.XX	±0.15									
		0.XXX	±0.10									
	ISO 1302	angular	0°	±°		cat. no.	-	Product - Customer Drw			sheet 3 of 3	