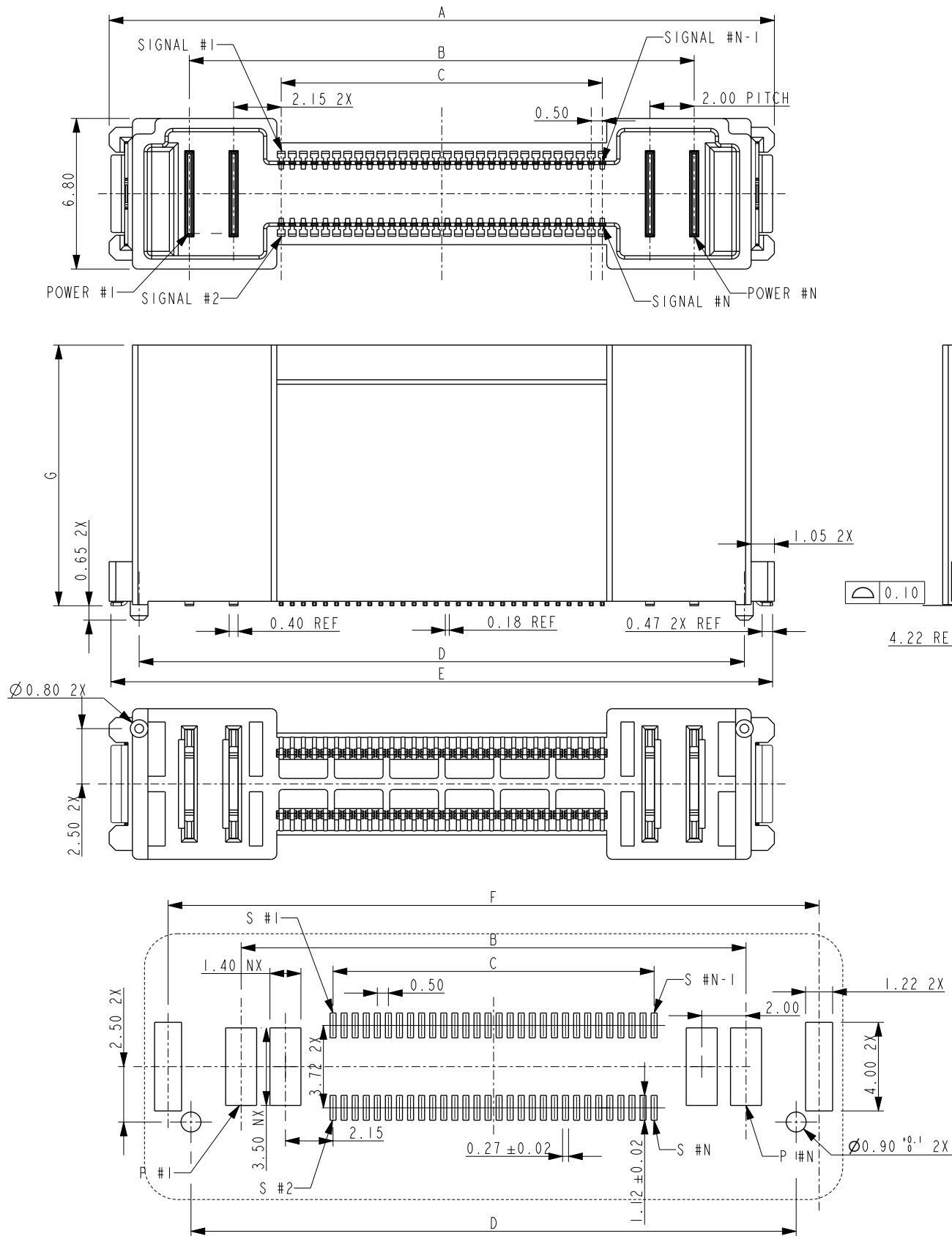
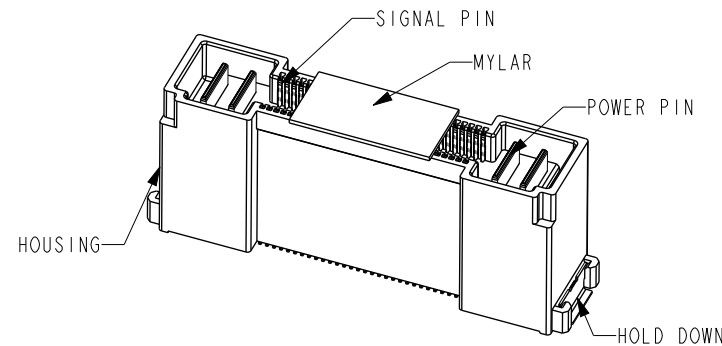
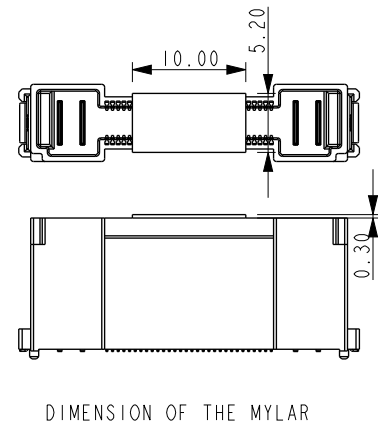
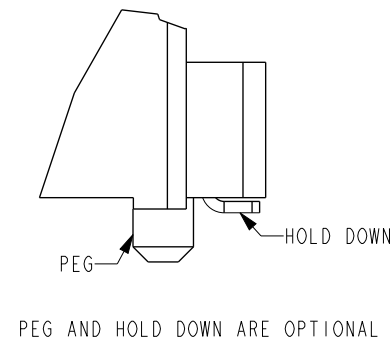


- NOTE:
- MATERIAL:
 - HOUSING: THERMOPLASTIC, BLACK, UL94-V0;
 - TERMINAL: COPPER ALLOY;
 - HOLD DOWN: COPPER ALLOY;
 - PLATING:
 - TERMINA: SEE SHEET 2 PLATING OPTION.
 - HOLD DOWN: NI UNDER PLATING, ALL OVER MATTE TIN
 - SEE GS-12-1861 FOR PRODUCT SPEC.
 - THE HOUSING WILL WITHSTAND EXPOSURE UP TO 260°C PEAK TEMPERATURE FOR 30 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
 - ALL SOLDER TAIL OF COMPLANARITY: 0.1MM MAX



RECOMMENDED PCB LAYOUT
TOLERANCE +/-0.05



HEADER TYPE	P/N	DIM"G"
HEADER 1	10168778-1XXXXXXLF	3.77
HEADER 1.5	10168778-AXXXXXXXLF	7.27
HEADER 2	10168778-2XXXXXXLF	7.77
HEADER 3	10168778-3XXXXXXLF	11.77
HEADER 4	10168778-4XXXXXXLF	15.77

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+6.83
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	2023/07/20	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	HEADER	dwg no	10168778	rev	A
ISO 1302	angular	0°	±3°		COMBOSTAK 0.5mm HS				
				cat. no.	-	Product - Customer Drw	sheet 1 of 2		

10168778- X X XX X X X LF

HEADER TYPE:

- 1= HEADER 1
- 2= HEADER 2
- 3= HEADER 3
- 4= HEADER 4
- A= HEADER 1.5

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	2023/07/20	projection 	MM 	size		A3	scale		1:1								
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng				Sanford Lu	2023/07/26	ecn no											
ISO 406 ISO 1101						chr				-	-												
				appr		Tim Yao		2023/07/26	product family					-	rel level		Released						
surface ISO 1302 		linear		0.X		±0.30		Amphenol FCi					title		HEADER COMBOSTAK 0.5mm HS		dwg no		10168778		rev		A
				0.XX		±0.20																	
				0.XXX		±0.10																	
angular		0°		±3°				cat. no.		-		Product - Customer Drw				sheet 2 of 2							