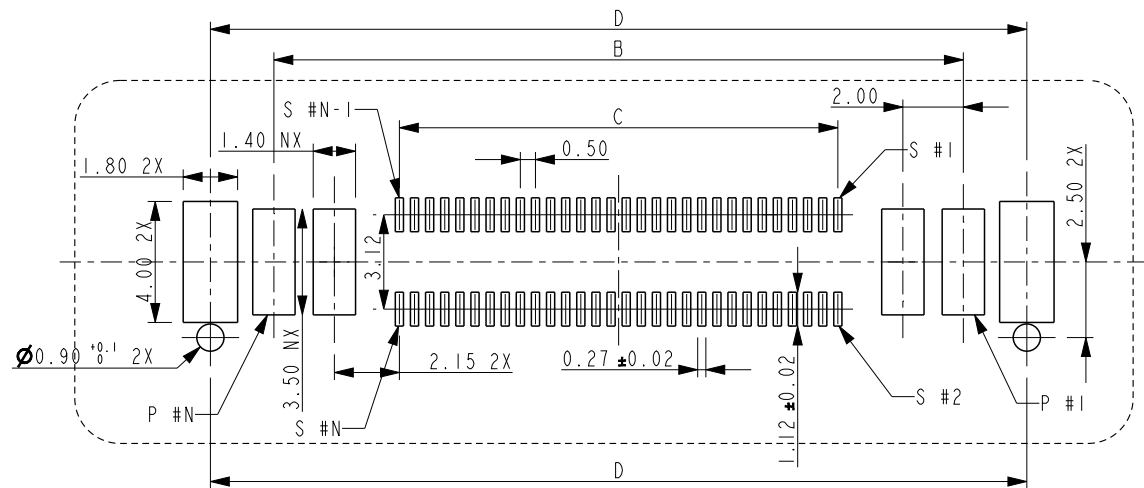
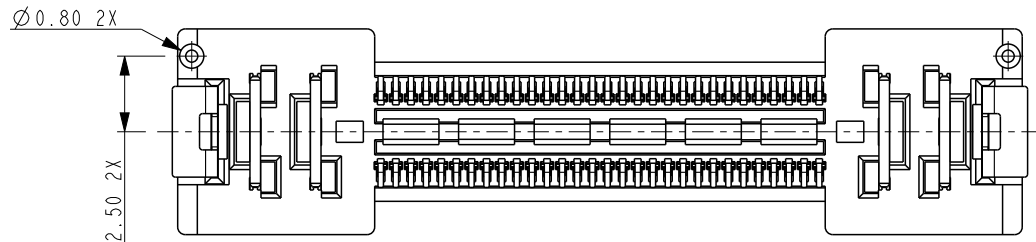
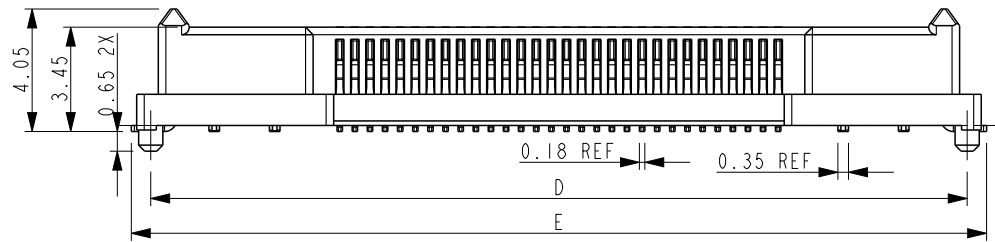
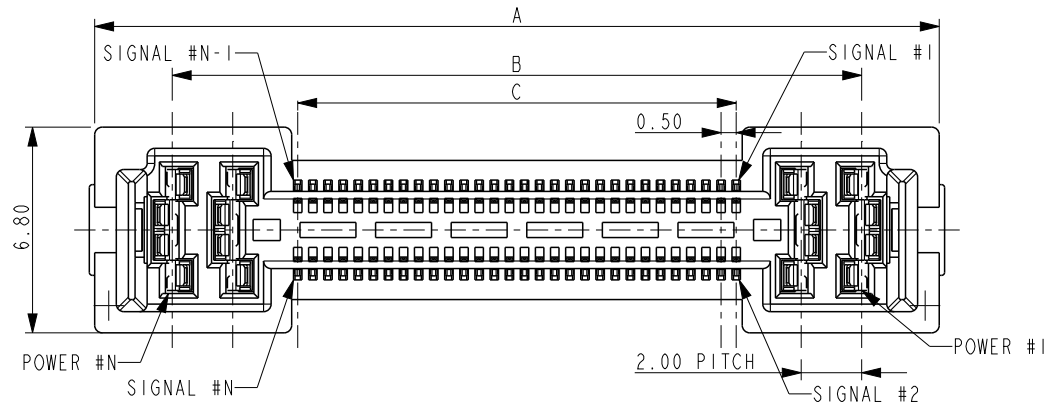
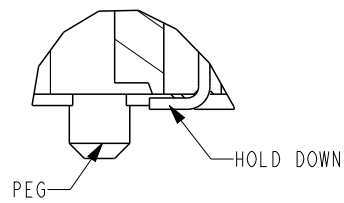
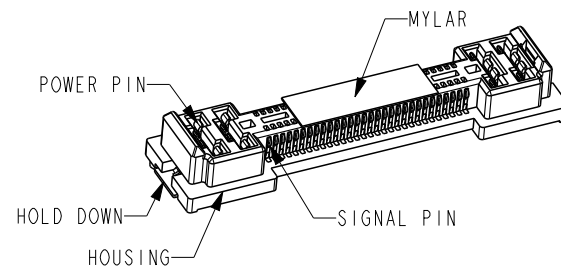
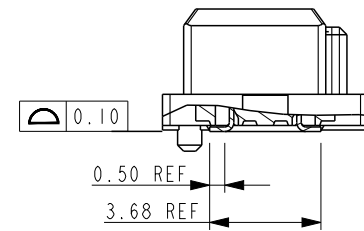


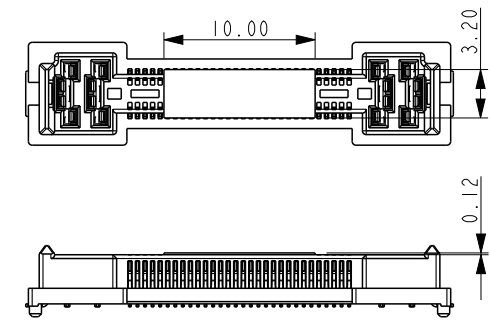
REC 1



RECOMMENDED PCB LAYOUT
TOLERANCE +/-0.05



PEG AND HOLD DOWN ARE OPTIONAL



DIMENSION OF THE MYLAR

NOTE:

- MATERIAL:
 - HOUSING: THERMOPLASTIC, BLACK, UL94-V0;
 - TERMINAL: COPPER ALLOY;
 - HOLD DOWN: COPPER ALLOY;
- PLATING:
 - TERMINA: SEE SHEET 3 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

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	2026/03/24	chr	-	ecn no	ELX-N-283651-1	rel level	Released
ISO 406	appr	Tim Yao	2026/03/26	product family	-	rel level	Released	rev	C
ISO 1101									
surface	linear	0.X	±0.30	Amphenol FCI	RECEPTACLE	dwg no	10168779		
		0.XX	±0.15		COMBOSTAK 0.5mm HS				
		0.XXX	±0.10						
ISO 1302	angular	0°	±°						
				cat. no.	-	Product - Customer Drw	sheet 1 of 3		

A

B

C

D

2

3

4

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
- A5= 2X55
- B0= 2X60
- C0= 2X70

LF= LEAD FREE

PLATING:

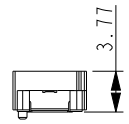
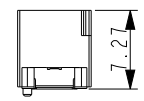
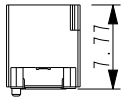
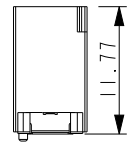
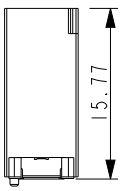
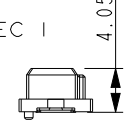
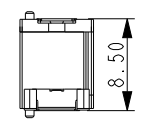
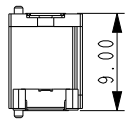
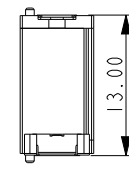
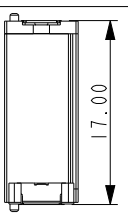
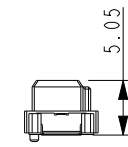
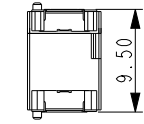
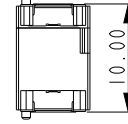
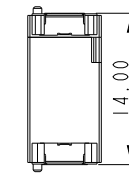
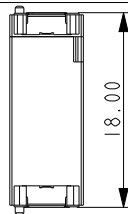
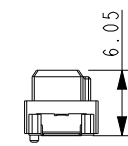
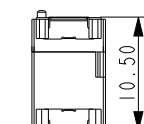
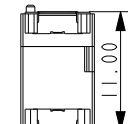
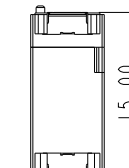
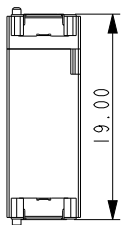
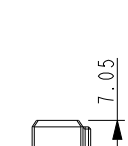
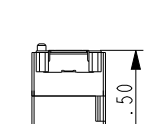
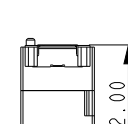
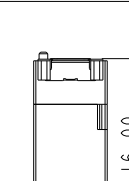
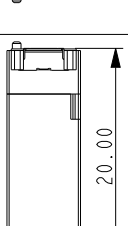
- 0= GOLD FLASH (2u" MIN.)
- 1= 15u" Au
- 2= 30u" Au
- 3= 10u" Au

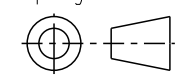
PACKING TYPE:

- 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
						
REC 1						
REC 2						
REC 3						
REC 4						

spec ref				dr		Sanford Lu	2023/07/21			size		A3	scale		1:1		
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Sanford Lu	2026/03/24			ecn no						ELX-N-283651-1	
ISO 406				chr		-	-			rel level						Released	
ISO 1101				appr		Tim Yao				2026/03/26	product family						-
surface ISO 1302 		linear	0.X	±0.30	Amphenol	title	RECEPTACLE						dwg no	10168779		rev	C
			0.XX	±0.15													
			0.XXX	±0.10													
		angular	0°	±°													

2

3

PDS: Rev :C

STATUS:Released

Printed: Mar 26, 2026