

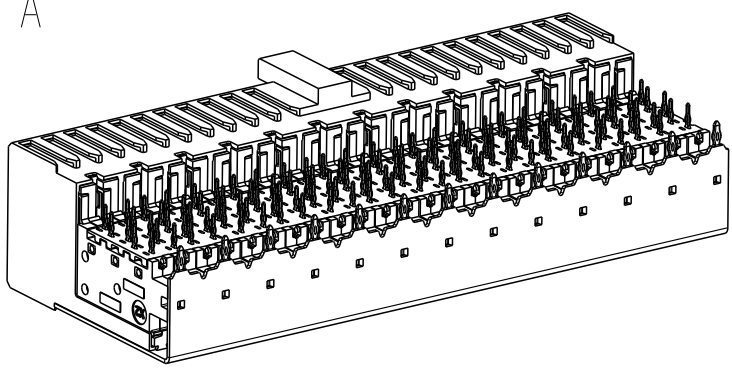
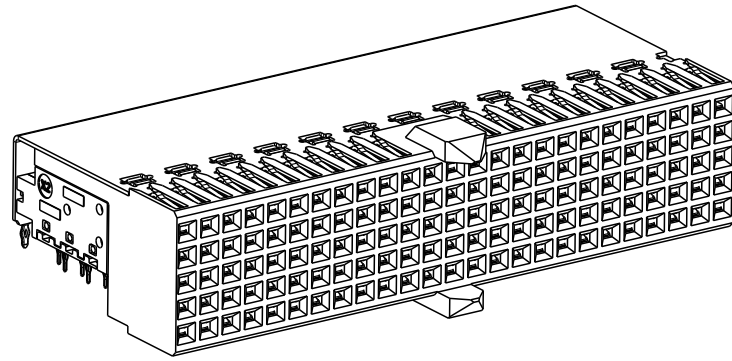
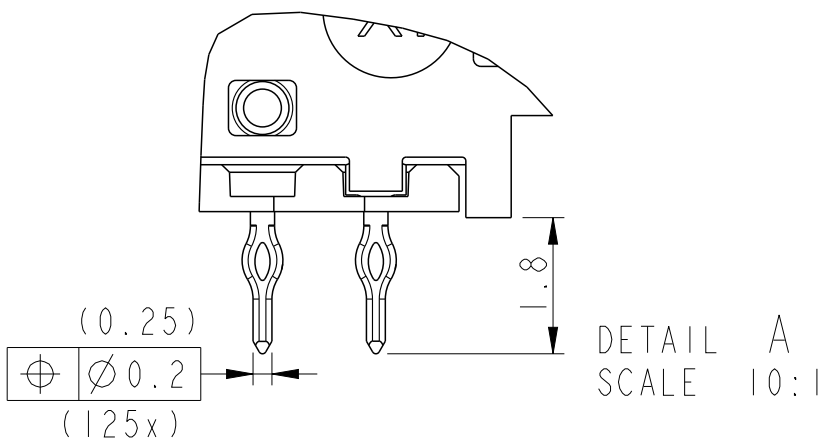
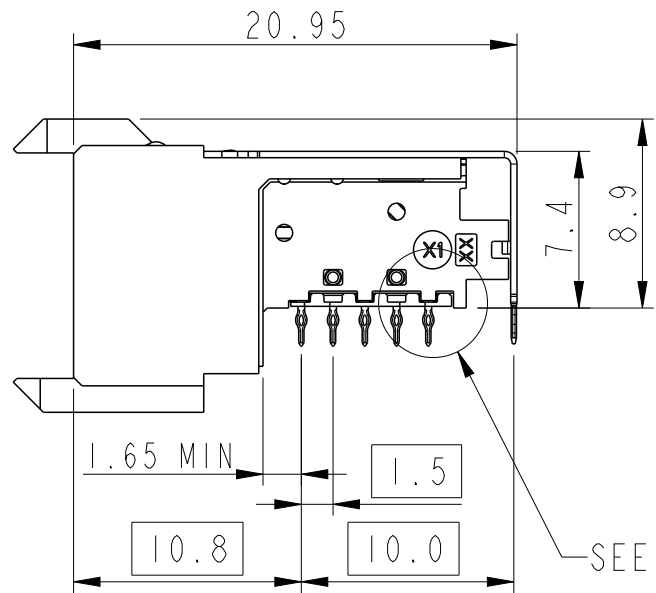
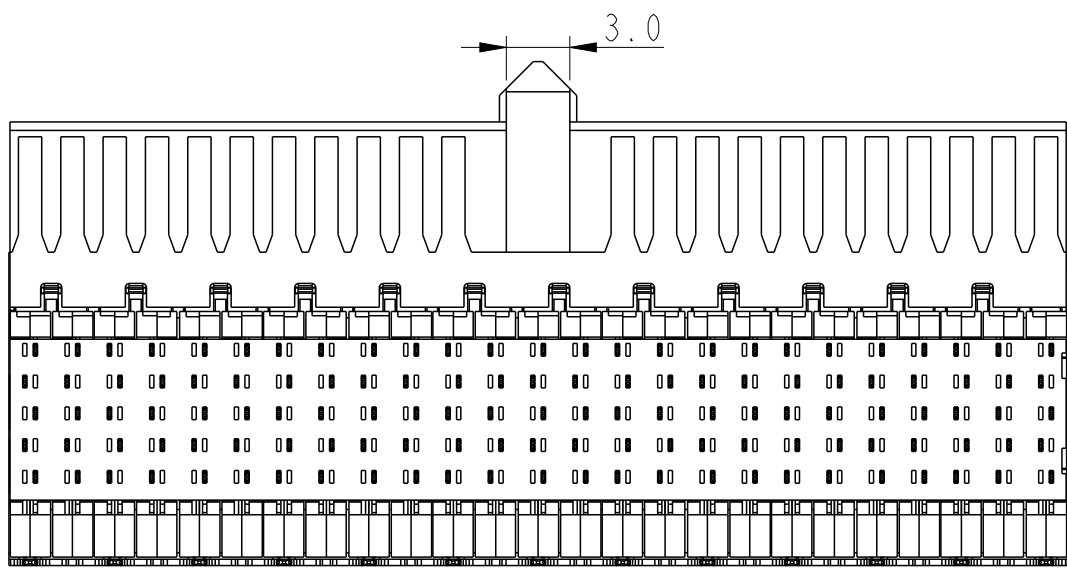
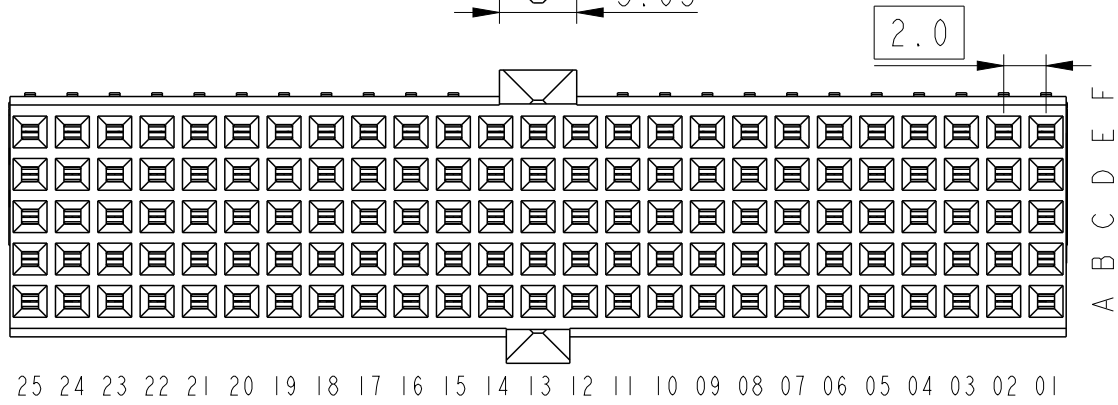
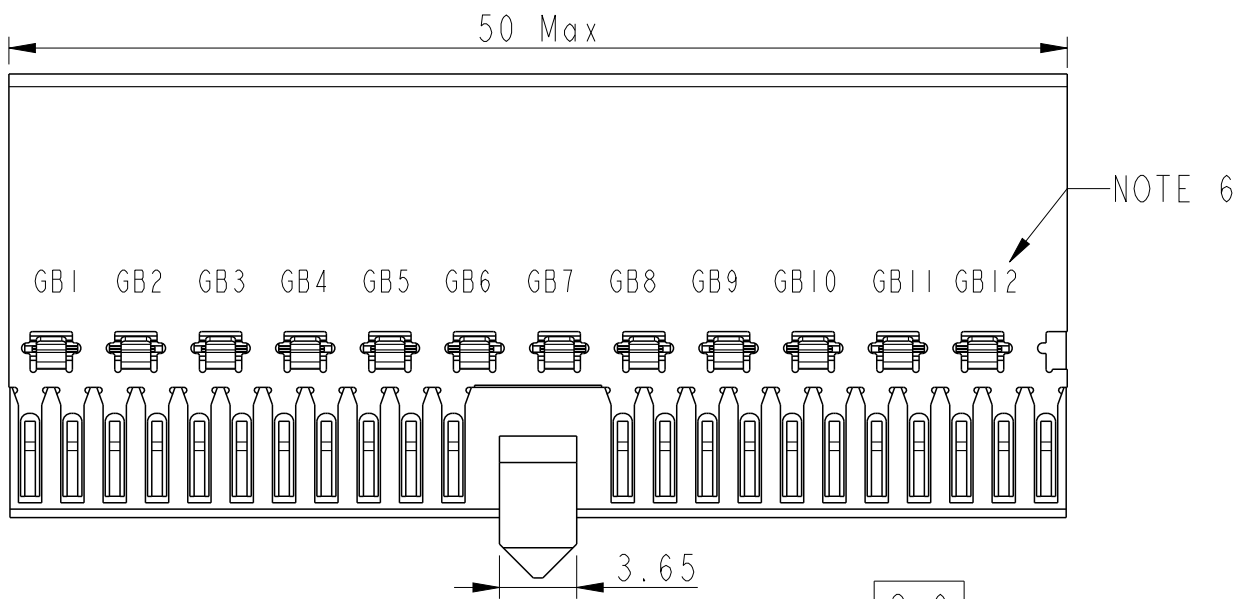
PART NUMBER	GRNDBAR 1 POS	GRNDBAR 2 POS	GRNDBAR 3 POS	GRNDBAR 4 POS	GRNDBAR 5 POS	GRNDBAR 6 POS	GRNDBAR 7 POS	GRNDBAR 8 POS	GRNDBAR 9 POS	GRNDBAR 10 POS	GRNDBAR 11 POS	GRNDBAR 12 POS
10127156-101LF	25A,24B,25C,24D,25E	22A,23B,22C,23D,22E	21A,20B,21C,20D,21E	18A,19B,18C,19D,18E	17A,16B,17C,16D,17E	14A,15B,14C,15D,14E	13A,12B,13C,12D,13E	10A,11B,10C,11D,10E	9A,8B,9C,8D,9E	6A,7B,6C,7D,6E	5A,4B,5C,4D,5E	2A,3B,2C,3D,2E
10127156-102LF	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

ABOVE TABLE SHOWS CONNECTED GROUND POSITIONS OF INDIVIDUAL GROUNDBARS

PINNING CONFIGURATION

Z A B C D E F																								
	G	G	G	G	G	G	G	G	G	G	G		G	G	G	G	G	G	G	G	G	G	G	G
	G	G	HS	HS	G	G	HS	HS	G	G	HS	HS	G	G	HS	HS	G	G	HS	HS	G	G	HS	HS
	HS	HS	G	G	HS	HS	G	G	HS	HS	G	G	HS	HS	G	G	HS	HS	G	G	HS	HS	G	LS
	G	G	HS	HS	G	G	HS	HS	G	G	HS	HS	G	G	HS	HS	G	G	HS	HS	G	G	HS	HS
	HS	HS	G	G	HS	HS	G	G	HS	HS	G	G	HS	HS	G	G	HS	HS	G	G	HS	HS	G	LS
01	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0
11																								
15																								
25																								

HS	HIGH SPEED SIGNAL
LS	LOW SPEED SIGNAL
G	GROUND
0	EMPTY



spec ref -				dr Arjun K-A		2016/02/13		projection		MM		size A3		scale 2:1	
tolerance std ISO 406 ISO 1101				eng Alex Babu		2019/05/09						ecn no ELX-I-33137-1			
TOLERANCES UNLESS OTHERWISE SPECIFIED				chr -		-									
				appr K-Paul Biju		2019/05/09		product family		MILLIPACS		rel level Released			
surface ISO 1302		linear	0.X	±0.30	Amphenol FCI		title TYPE-AB RECEPTACLE ASSEMBLY MILLIPACS HIGH SPEED		dwg no 10127156		rev D				
			0.XX	±0.20											
			0.XXX	±0.15											
		angular	0°	±3°			cat. no. 10127156-10xLF		Product - Customer Drw		sheet 1 of 2				

A

B

C

D

A

B

C

D

PART NUMBER:

RECOMMENDED PCB LAYOUT FOR 10127156-10xLF

DIM "A"

0.05

SEE NOTE 5
(25x)

48.0 (24 x 2)

LAND Ø1.0
(25x)

2.0

0.150

25

20

15

10

5

F
2.5

E

D

C

B

A

4.0

0.25

0.5

0.75

1.5

2.9

ANTIPAD
(30x)

DIM "B"

0.05

SEE NOTE 5
(125x)

LAND Ø0.8
(125x)

1.5

1.5

6.0

(4 x 1.5)

1.5

0.75

1.2 MIN

NOTES:

- Materials
 - Housing & Impls: LCP (UL94 V-0)
 - Leadframe: Copper alloy
- Finish
 - Contact area: Ni underlayer with Au or GXT top layer(Performance Level-2)
 - EON area: Ni underlayer with Sn top layer
- Mates with IEC 61076-4-101 series 2mm HM headers with contact mating level 1 & 2 in signal rows. Outer shielding row of receptacle can mate with level 1,2 & 3 header contacts.
- Mounting style: Press-fit, flat rock insertion
- Refer the table for Recommended plated through hole dimensions.
- Groundbar positions indicated by "GBx".
- Connector spacing

RECOMMENDED PLATED THROUGH HOLE DIMENSIONS

B	0.35-0.45	0.02-0.05	0.0008-0.0012	0.45-0.49
A	0.55-0.65	0.02-0.05	0.0008-0.0012	0.65-0.69
DIM	FINISHED HOLE DIA	Cu. THICKNESS	Sn THICKNESS	DRILLED HOLE DIA

spec ref	-	dr	Arjun K-A	2016/02/13	projection	MM	size	A3	scale	5:1
tolerance std	ISO 406 ISO 1101	eng	Alex Babu	2019/05/09	chr	-	ecn no	ELX-I-33137-1	rel level	Released
surface	linear	appr	K-Paul Biju	2019/05/09	product family	MILLIPACS	dwg no	10127156	rev	D
ISO 1302	angular	0°	±3°	Amphenol FCi	TYPE-AB RECEPTACLE ASSEMBLY MILLIPACS HIGH SPEED	cat. no.	Product - Customer Drw	sheet 2 of 2		