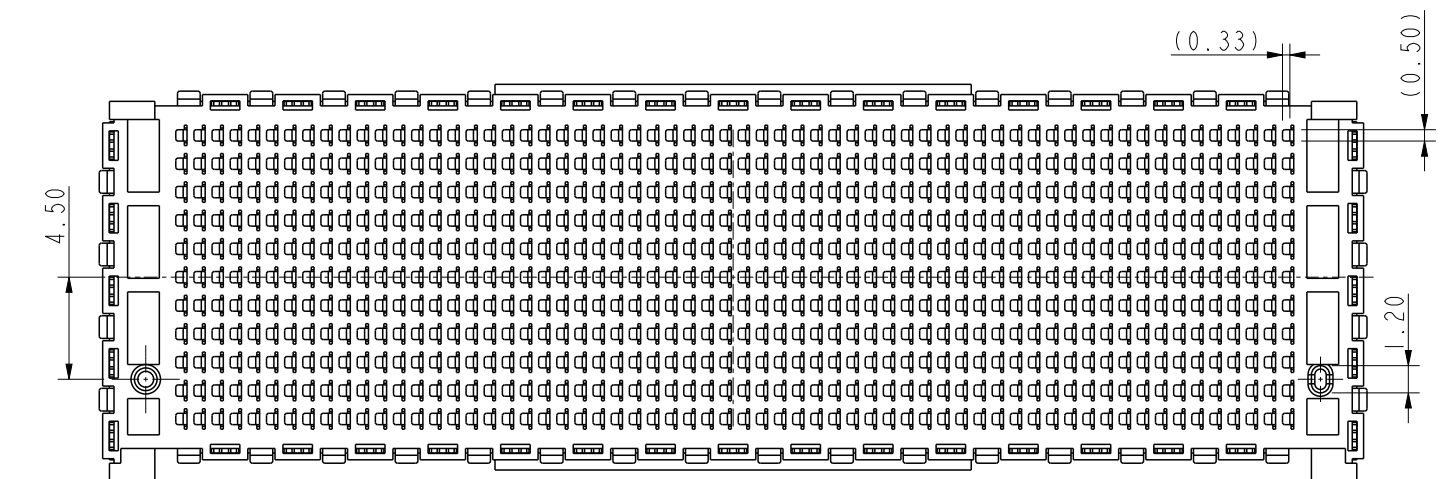
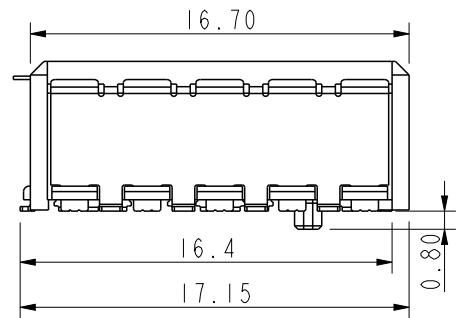
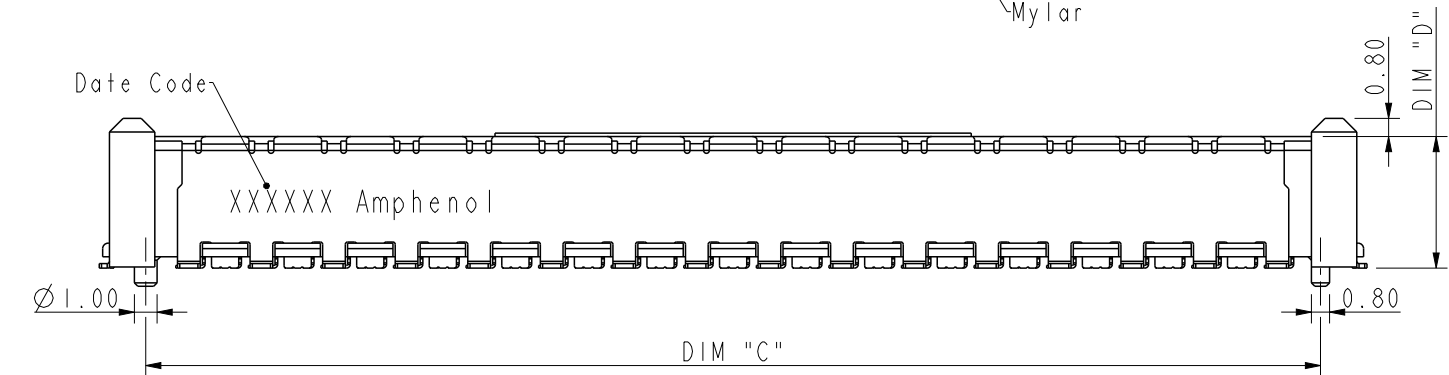
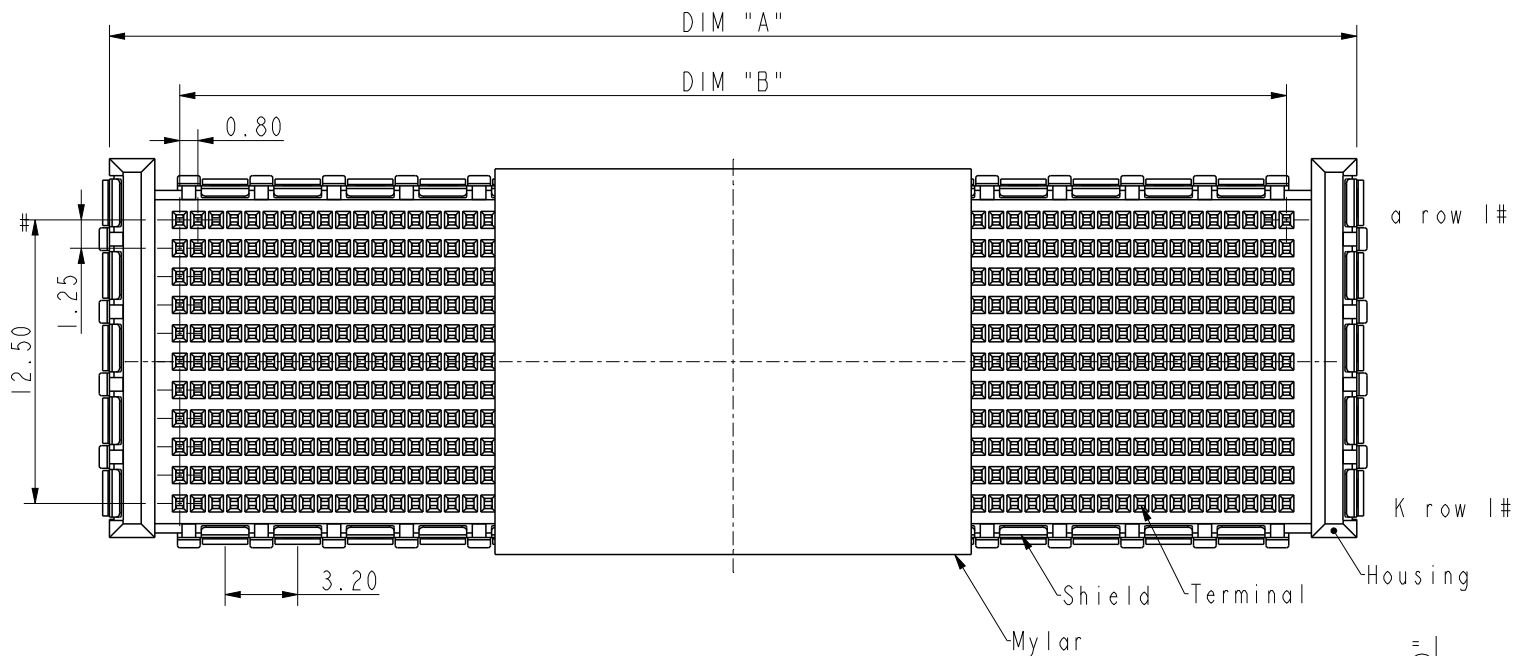


PRODUCT NO.
SEE PRODUCT CODE

Dimension	Computational Formula
DIM "A"	(COLUMN MUNBER-1) x 0.8 + 6.2
DIM "B"	(COLUMN MUNBER-1) x 0.8
DIM "C"	(COLUMN MUNBER-1) x 0.8 + 3

RECEPTACLE TYPE	DIM "D"
RECEPTACLE 6	5.8
RECEPTACLE 8	6.8
RECEPTACLE 10	10.8



- NOTES:
- 1.MATERIAL:
 - 1.1 HOUSING: LCP E471i;
 - 2.2 TERMINAL: C5191-H.
 - 2.PLATING: 1-3µm NI UNDER PLATING;
 - 2.1 CONTACT AREA: ACCORDING TO PART NUMBER;
 - 2.2 SOLDER TAIL: ACCORDING TO PART NUMBER.
 - 3.PRODUCT SPECIFICATION: GS-12-1806;
 - 4.PRODUCT PACKAGE: GS-14-3067;
 - 5.THIS HOUSIONG WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 20 SECONDS IN A IR REFLOW SOLDERING APPLICATION;
 - 6.THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004;
 - 7.COPLANARITY AREA OF TERMINATION 0.10MM MAX.

spec ref		*		dr		Li-Qing Lei		2023/11/13		projection				mm		size		A3		scale		4:1							
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng		Li-Qing Lei		2023/12/11						ecn no		rel level Released											
						chr		-		-																			
						appr		Tim Yao		2023/12/11														product family					
surface		linear		0.X		±0.25		Amphenol FCI		title		Receptacle						dwg no		10169064						rev		A	
				0.XX		±0.15																							
				0.XXX		±0.10																							
ASME Y14.5		angular		0°		±2°				cat. no.		Product - Customer Drw						sheet 1 of 2											

PART	NUMBER	DESCRIPTION
	10169064-	<u>XXXXXXXXLF</u>

LEAD FREE

```
- MYLAR AND DATE CODE OPTION
0- WITH MYLAR AND WITHOUT DATE CODE
1- WITH MYLAR AND WITH DATE CODE
```

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- SHIELD STATUS
0- NONE SHIELD;
1- WITH SHIELD;

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- PLATING OPTION:
CONTACT AREA AND SOLDER TAIL;
1- 3u" GOLD ON CONTACT AREA;
80-160u" TIN ON SOLDER TAIL;
2- 8u"GXT OR GOLD ON CONTACT AREA;
80-160u" TIN ON SOLDER TAIL;
3- 15u"GXT OR GOLD ON CONTACT AREA;
80-160u" TIN ON SOLDER TAIL;
4- 30u"GXT OR GOLD ON CONTACT AREA;
80-160u" TIN ON SOLDER TAIL;

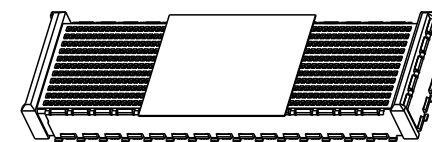
- RECEPTACLE TYPE FOR STACK HEIGHT
06- RECEPTACLE 6 (TOOLED)
08- RECEPTACLE 8 (UPON REQUEST)
10- RECEPTACLE 10 (UPON REQUEST)

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- PIN NUMBER= IIX COLUMN NUMBER
  (INCREASE BY EVERY 4 COLUMNS FOR SHIELD VERSION,
  INCREASE BY EVERY 2 COLUMNS FOR NONE SHIELD VERSION)
18= IIX 18 MIN
64= IIX 64 (EXAMPLE)
94= IIX 94 MAX
```

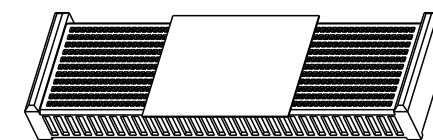
Date Code:XXXXXX

- DAY (01~31)
- MONTH (01~12)
- YEAR (00~99)

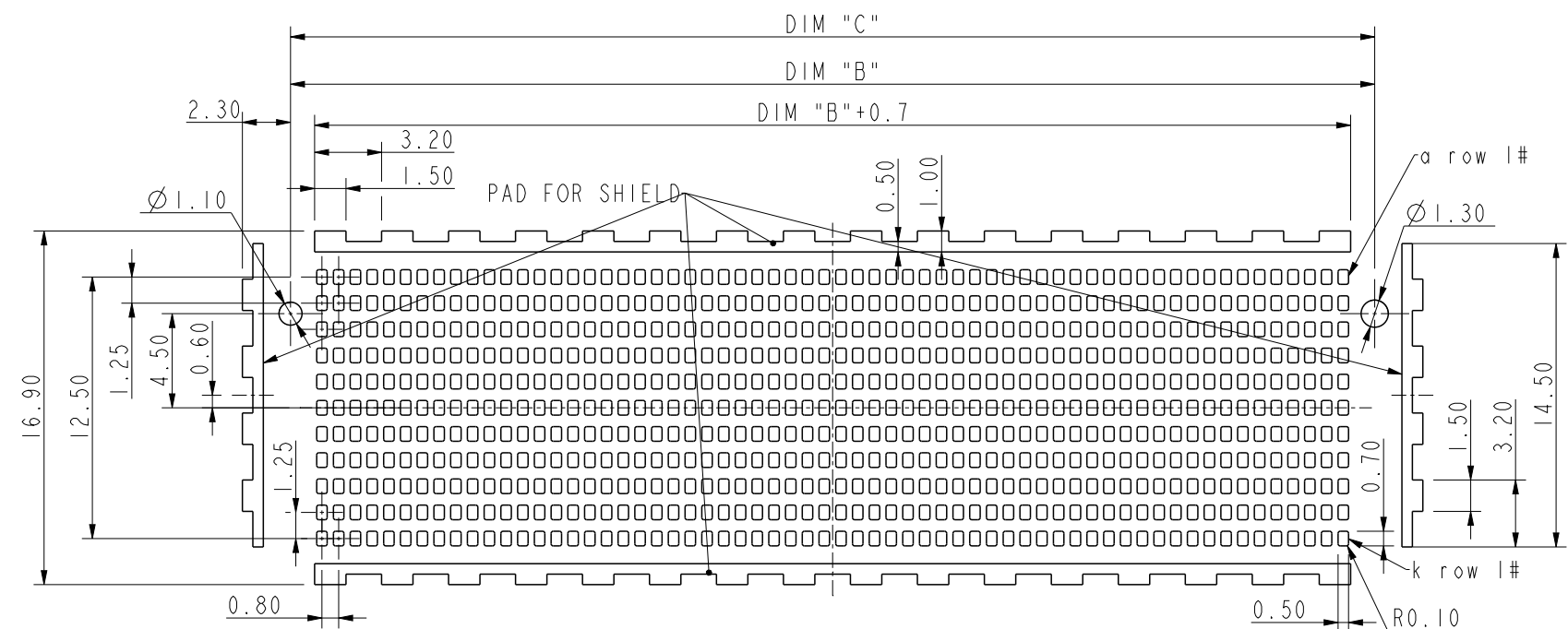
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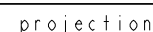
10169064-XXXXX0XLF



PCB LAYOUT PROPOSAL
TOLERANCE RECOMMENDED ± 0.05



STACK HEIGHT					
PRODUCT	HEADER 2	HEADER 5	HEADER 8	HEADER 14	HEADER 20
RECEPTACLE 6	8	11	14	20	26
RECEPTACLE 8	10	13	16	22	28
RECEPTACLE 10	12	15	18	24	30

spec ref *				dr		Li-Qing Lei	2023/11/13			mm	size	A3	scale	3:1
TOLERANCES UNLESS OTHERWISE SPECIFIED				eng		Li-Qing Lei	2023/12/11			ecn no				
				chr		-	-							
				appr		Tim Yao	2023/12/11				product family			rel level Released
surface  ASME Y14.5		linear	0.X	±0.25	Amphenol FCi	title Receptacle DensiStak BTB Connector			dwg no	10169064			rev	A
			0.XX	±0.15										
			0.XXX	±0.10										
		angular	0°	±2°		cat. no.			Product - Customer Drw			sheet 2 of 2		