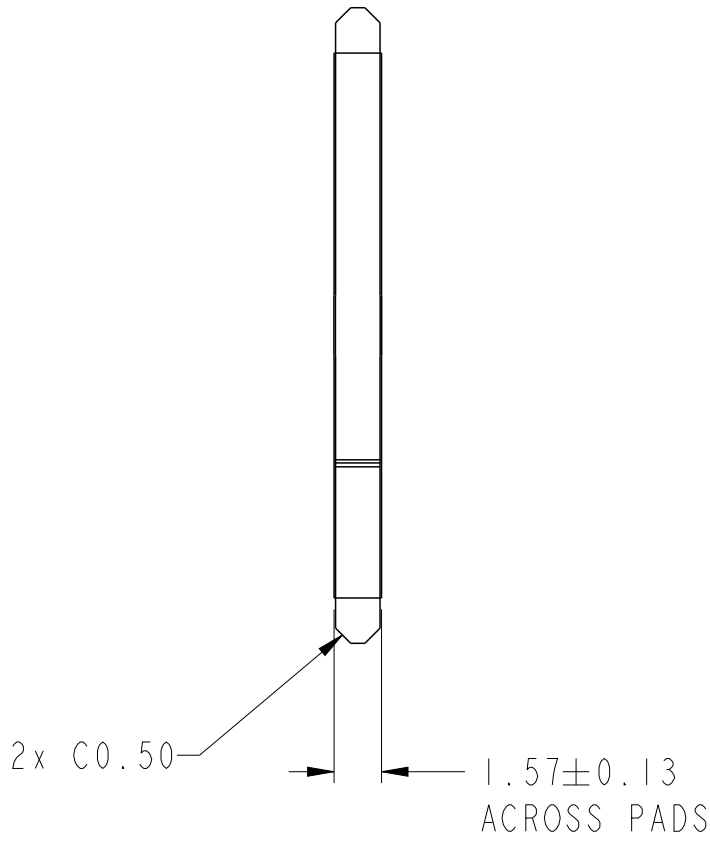
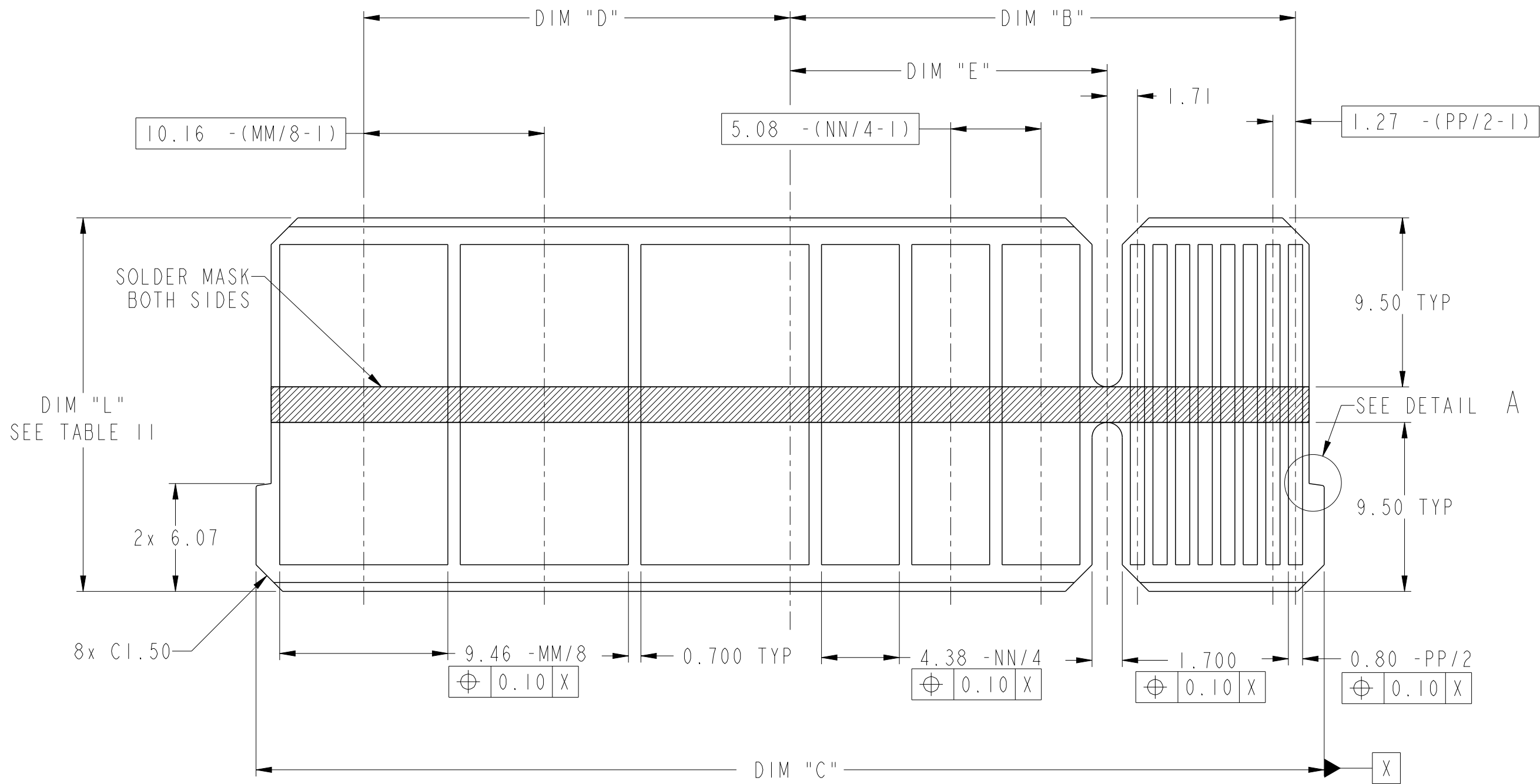


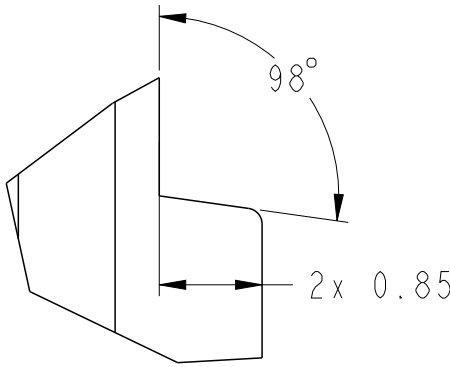




| DIM"L"<br>( ±0.25 ) | MEZZANINE<br>STACK HEIGHT<br>(±0.50) |
|---------------------|--------------------------------------|
| 21.02               | 32                                   |
| 22.02               | 33                                   |
| 23.02               | 34                                   |
| 24.02               | 35                                   |
| 25.02               | 36                                   |
| 26.02               | 37                                   |
| 27.02               | 38                                   |
| 28.02               | 39                                   |
| 29.02               | 40                                   |
| 30.02               | 41                                   |
| 31.02               | 42                                   |
| TABLE 2             |                                      |



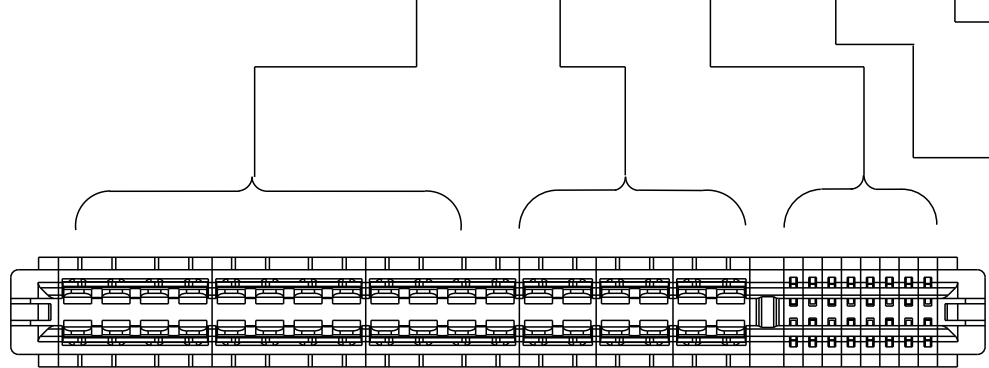
RECOMMENDED BRIDGE PCB



DETAIL A  
SCALE 16:1

|               |                                       |                 |                                 |            |                |                        |              |          |                |     |
|---------------|---------------------------------------|-----------------|---------------------------------|------------|----------------|------------------------|--------------|----------|----------------|-----|
| spec ref      | -                                     | dr              | Jackie Huang                    | 2014/10/31 | projection     | MM                     | size         | A2       | scale          | 1:1 |
| tolerance std | ISO 406<br>ISO 1101                   | eng             | Sunny2 Liu                      | 2019/03/04 | chr            | Feng Zheng             | 2019/03/05   | ecn no   | ELX-DG-28377-1 |     |
| surface       | ISO 1302                              | appr            | Zheng, Pei-Min                  | 2019/03/05 | product family | -                      | rel level    | Released |                |     |
| linear        | 0.X ±0.5<br>0.XX ±0.25<br>0.XXX ±0.10 | Amphenol<br>FCi | HPCE MEZZANINE<br>UNIVERSAL P+S | cat. no.   | -              | Product - Customer Drw | sheet 3 of 4 | rev      | C              |     |
| angular       | 0° ±2°                                |                 |                                 |            |                |                        |              |          |                |     |

10132153 - MM NN PP \* LF



LEAD FREE

|                 |    |    |     |     |
|-----------------|----|----|-----|-----|
| ORIENTATION KEY | A  | B  | C   | D   |
|                 | Y  | N  | Y   | N   |
| TAIL TYPE       | PF | PF | STB | STB |

Example : The part number above is 10132153-320424ALF  
that's 36P24S with orientation key configuration  
32 is 4beam contact ; 04 is 2beam contact

Table 3 : PART NUMBER CODE

NOTES:

1. CONNECTOR MATERIALS:

HOUSING: HIGH TEMPERATURE THERMAL PLASTIC, BLACK  
UL 94V-0 COMPLIANT  
CONTACTS: HIGH PERFORMANCE COPPER ALLOY.

2. CONTACT FINISH REF. GS-12-1261 SECTION 5.2.

3. PRODUCT SPECIFICATION: GS-12-1261.

4. APPLICATION SPECIFICATION: GS-20-128.

5. PRODUCT MARKING ON HOUSING IN AREA SHOWN MEETS AFCI SPECIFICATION: GS-24-007.

6. PACKAGING MEETS FCI SPECIFICATION GS-14-937.

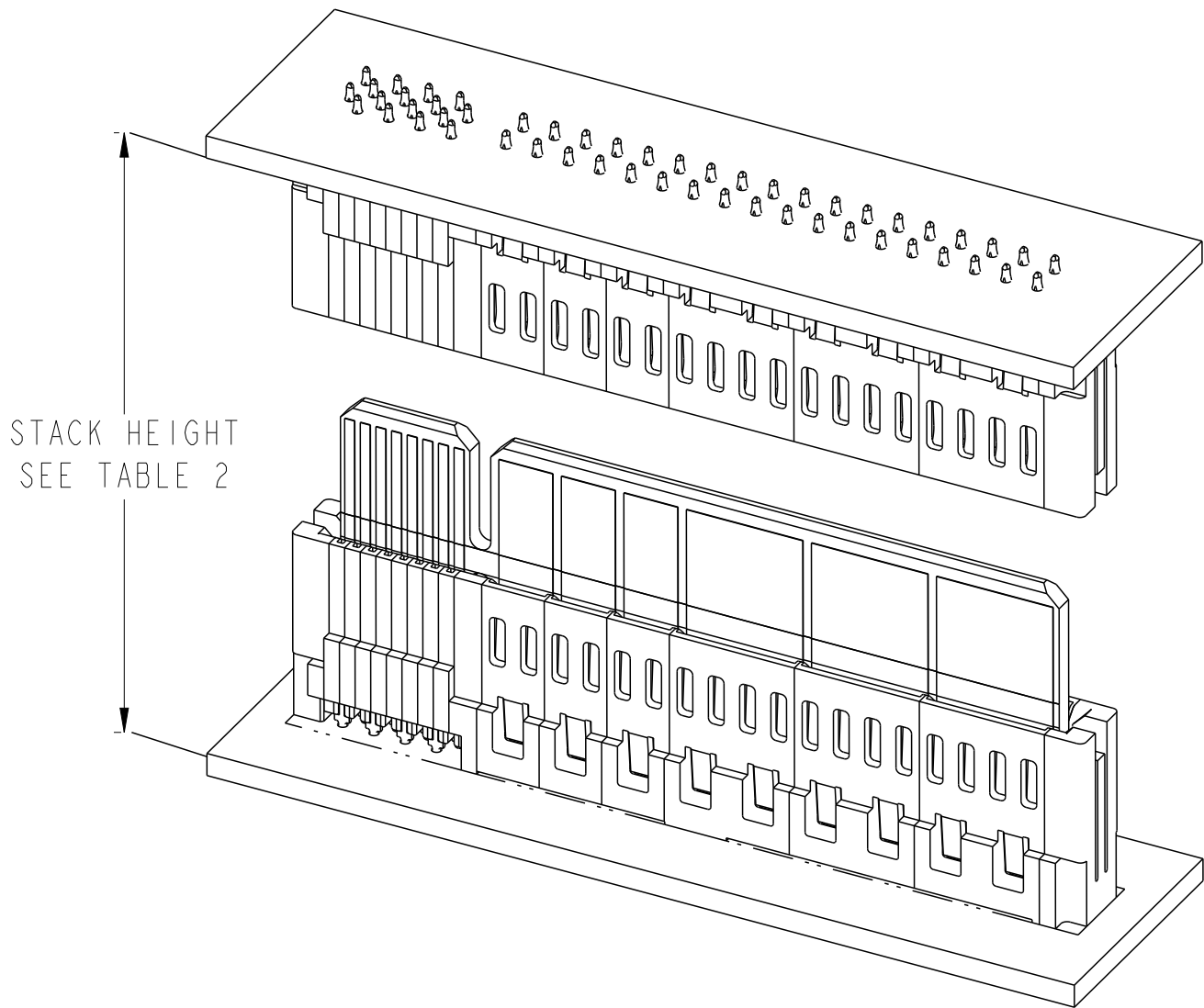
7. HOUSING COMPONENT WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 60 SECONDS IN A CONVECTION, INFRA-RED, OR VAPOR PHASE REFLOW OVEN.

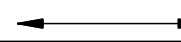
8. COPPER PLATING THICKNESS IN CENTER OF VIA-HOLE CAN BE NO MORE THAN 0.003 LESS THAN OTHER AREAS.

9. ALL HOLE SIZES ARE FINISHED HOLE SIZES.

10. A SYMBOL  WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

| DIM     | LENGTH FORMULAS                             |
|---------|---------------------------------------------|
| A       | = [(MM+NN)/2] x 2.54 + (PP/2) x 1.27 + 8.55 |
| B       | = DIM "A" / 2 - 3.79                        |
| C       | = DIM "A" - 4.34                            |
| D       | = DIM "A" / 2 - 8.23                        |
| E       | = DIM "A" / 2 - (PP/2-1)X1.27 - 5.5         |
| Table 4 |                                             |



|                     |                                                                                       |                                       |         |       |                 |            |                                                                                       |            |                                                                                       |                        |        |          |       |     |   |
|---------------------|---------------------------------------------------------------------------------------|---------------------------------------|---------|-------|-----------------|------------|---------------------------------------------------------------------------------------|------------|---------------------------------------------------------------------------------------|------------------------|--------|----------|-------|-----|---|
| spec ref            |                                                                                       | -                                     |         | dr    | Jackie Huang    | 2014/10/31 |  | projection |  | MM                     | size   | A2       | scale | 1:1 |   |
| tolerance std       |                                                                                       | TOLERANCES UNLESS OTHERWISE SPECIFIED |         | eng   | Sunny2 Liu      | 2019/03/04 |                                                                                       | ecn no     |                                                                                       | ELX-DG-28377-1         |        |          |       |     |   |
| ISO 406<br>ISO 1101 |                                                                                       |                                       |         | chr   | Feng Zheng      | 2019/03/05 |                                                                                       | rel level  |                                                                                       | Released               |        |          |       |     |   |
|                     |                                                                                       |                                       |         | appr  | Zheng, Pei-Min  | 2019/03/05 | product family                                                                        |            | -                                                                                     |                        |        |          |       |     |   |
| surface             |  | linear                                | 0.X     | ±0.5  | Amphenol<br>FCI | title      | HPCE MEZZANINE                                                                        |            |                                                                                       |                        | dwg no | 10132153 |       | rev | C |
|                     |                                                                                       |                                       | 0.XX    | ±0.25 |                 |            |                                                                                       |            |                                                                                       |                        |        |          |       |     |   |
|                     |                                                                                       |                                       | 0.XXX   | ±0.10 |                 |            |                                                                                       |            |                                                                                       |                        |        |          |       |     |   |
|                     |                                                                                       | ISO 1302                              | angular | 0°    |                 |            | ±2°                                                                                   | cat. no.   | -                                                                                     | Product - Customer Drw |        |          |       |     |   |

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