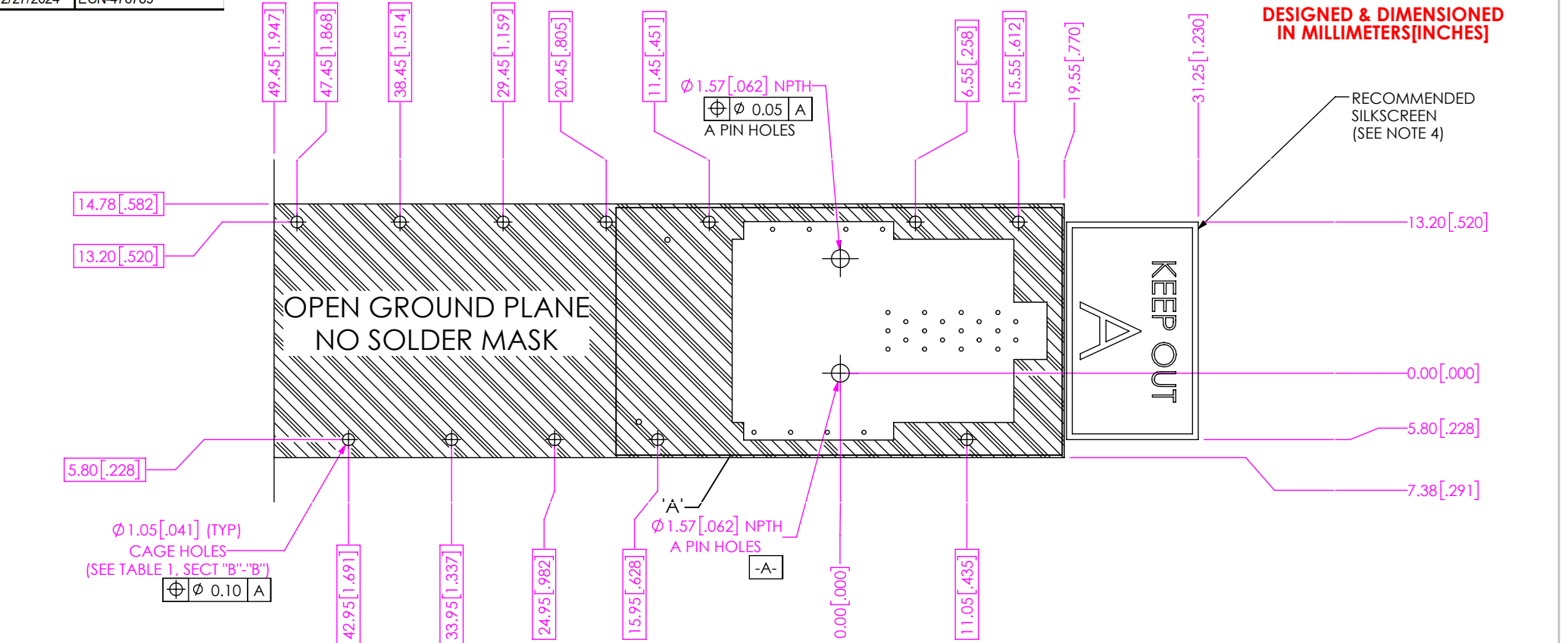
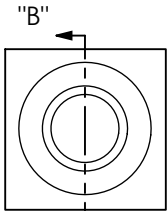




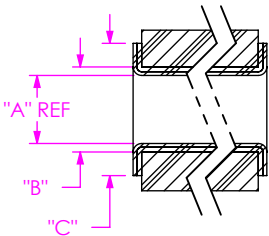
| TABLE 1  |     |              |                     |              |
|----------|-----|--------------|---------------------|--------------|
|          |     | "A"<br>(PTH) | "B"<br>(DRILL HOLE) | "C"<br>(PAD) |
| SIGNAL   | PTH | 0.36 (0.014) | 0.45 (0.018)        | 0.70 (0.028) |
| CAGE     | PTH | 1.05 (0.041) | 1.14 (0.045)        | 1.39 (0.055) |
| WELD TAB | PTH | 0.46 (0.018) | 0.55 (0.022)        | 0.80 (0.031) |

| TABLE 2                             |             |             |
|-------------------------------------|-------------|-------------|
| $\mu\text{m}(\mu\text{in})$ PLATING | MIN         | MAX         |
| Sn                                  | 2.5 (98)    | 20.0 (787)  |
| Cu                                  | 25.4 (1000) | 63.5 (2500) |

FIG 1  
FQSFP-D8-XX-A-XX.X-X SHOWN



VIA DETAIL  
SEE TABLE 1  
SCALE 25 : 1



SECTION "B"-"B"  
SCALE 25 : 1

- NOTES:
- FQSFP-D8-XX-A-XX.X-X FOR USE IN NON BELLY-TO-BELLY APPLICATIONS.
  - FQSFP-D8-XX-B-XX.X-X ONLY USED AS BOTTOM IN BELLY TO BELLY APPLICATIONS.
  - BELLY TO BELLY CONNECTORS NEED PCB THICKNESS OF AT LEAST 2.00MM DUE TO SAMTEC COMPONENTS. TRANCEIVERS MAY DICTATE A THICKER BELLY TO BELLY PCB.
  - TRACES AND COMPONENTS IN KEEP OUT AREA MUST BE UNDER 1.27MM TALL.

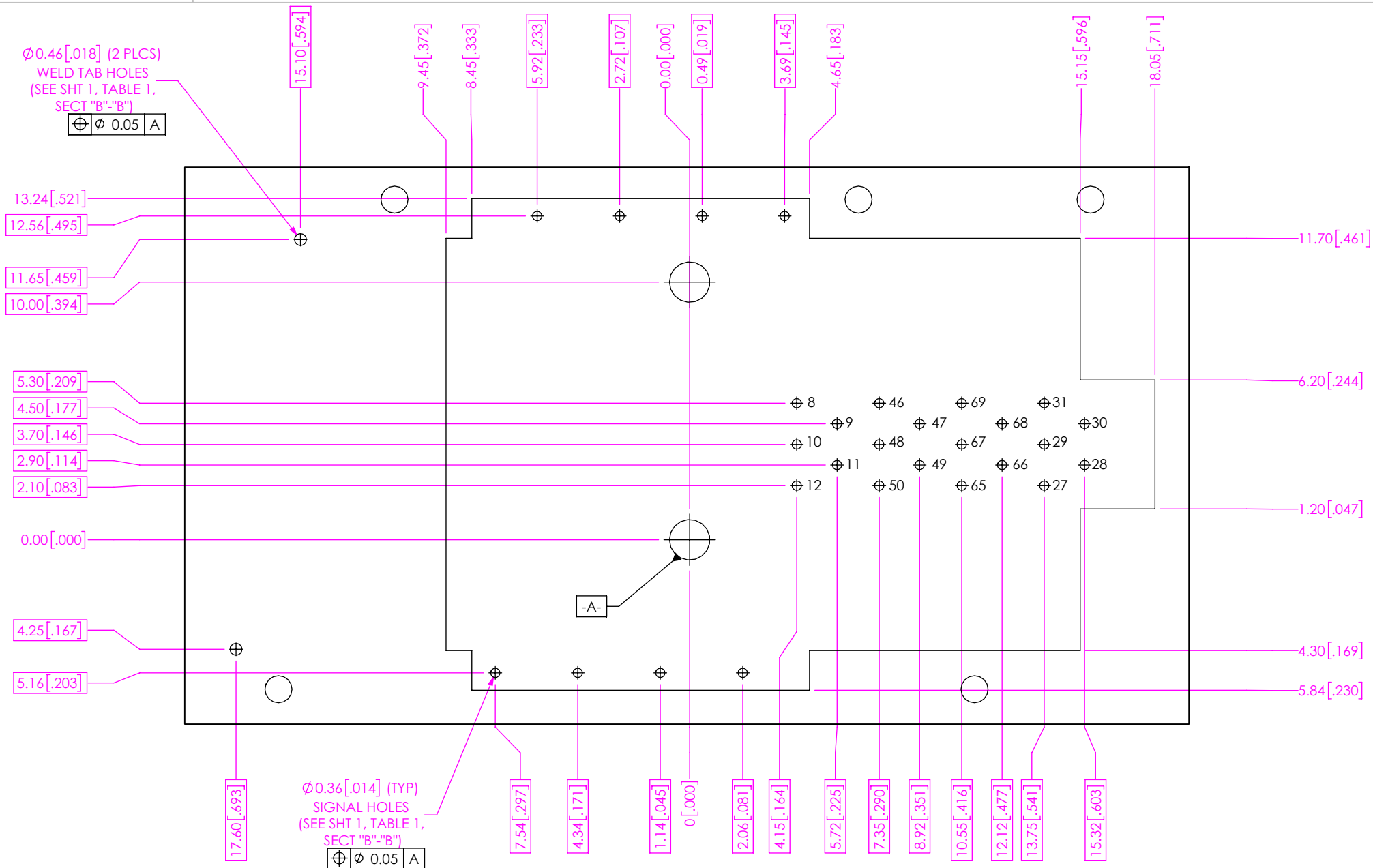
UNLESS OTHERWISE SPECIFIED,  
DIMENSIONS ARE IN MILLIMETERS.

TOLERANCES ARE:  
DECIMALS ANGLES  
X.X:  $\pm 0.3 [01]$  2°  
X.XX:  $\pm 0.05 [002]$   
X.XXX:  $\pm 0.025 [0010]$

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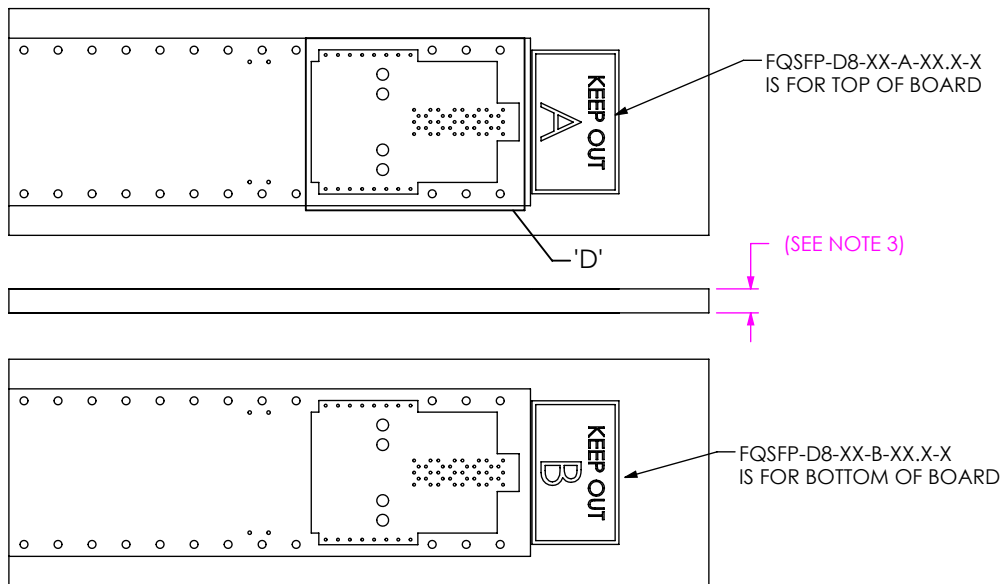


DETAIL 'A'  
 SCALE 5 : 1

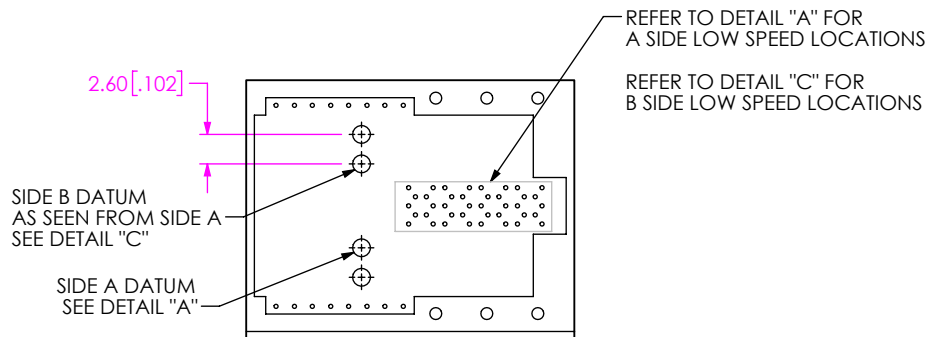
LOW SPEED PIN NUMBERS SHOWN

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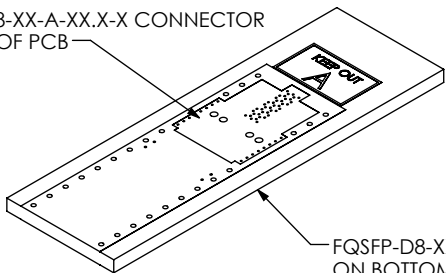


**FIG 2**  
BELLY TO BELLY FOOTPRINT SHOWN



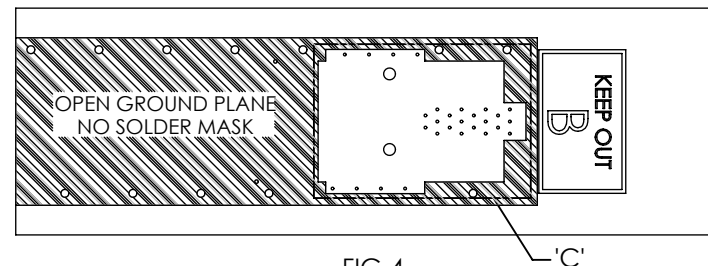
**DETAIL 'D'**  
SCALE 1.5 : 1

FQSFP-D8-XX-A-XX.X-X CONNECTOR  
ON TOP OF PCB

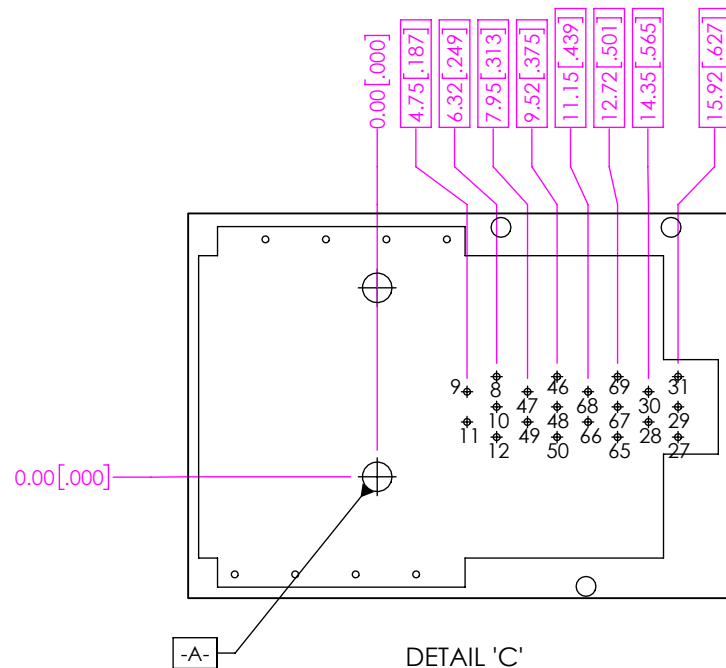


**FIG 3**  
BELLY TO BELLY ISO

FQSFP-D8-XX-B-XX.X-X CONNECTOR  
ON BOTTOM OF PCB



**FIG 4**  
FQSFP-D8-XX-B-XX.X-X ONLY SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)



**DETAIL 'C'**  
SCALE 5 : 2  
LOW SPEED PIN NUMBERS SHOWN

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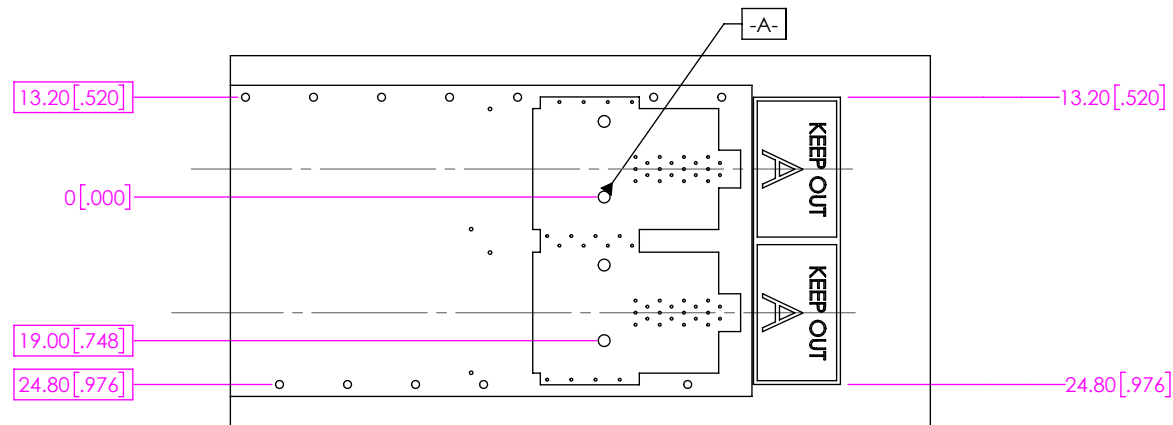
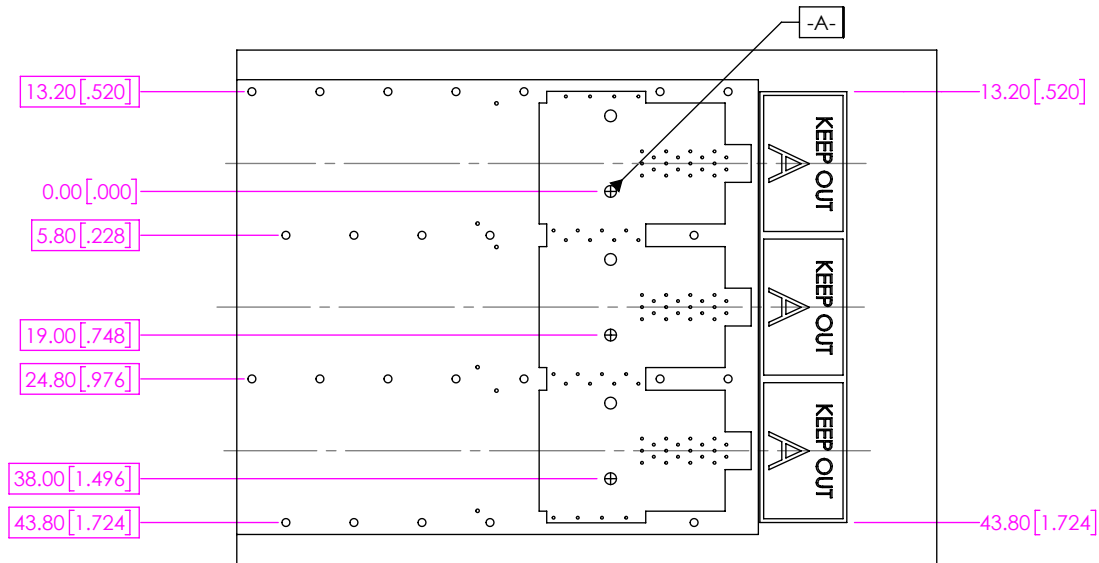


FIG 5  
2 PORT FQSFP-D8-XX-A-XX.X-X SIDE SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)



**A** FIG 6  
3 PORT FQSFP-D8-XX-A-XX.X-X SIDE SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

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