

DESIGNED & DIMENSIONED  
IN MILLIMETERS [INCHES]

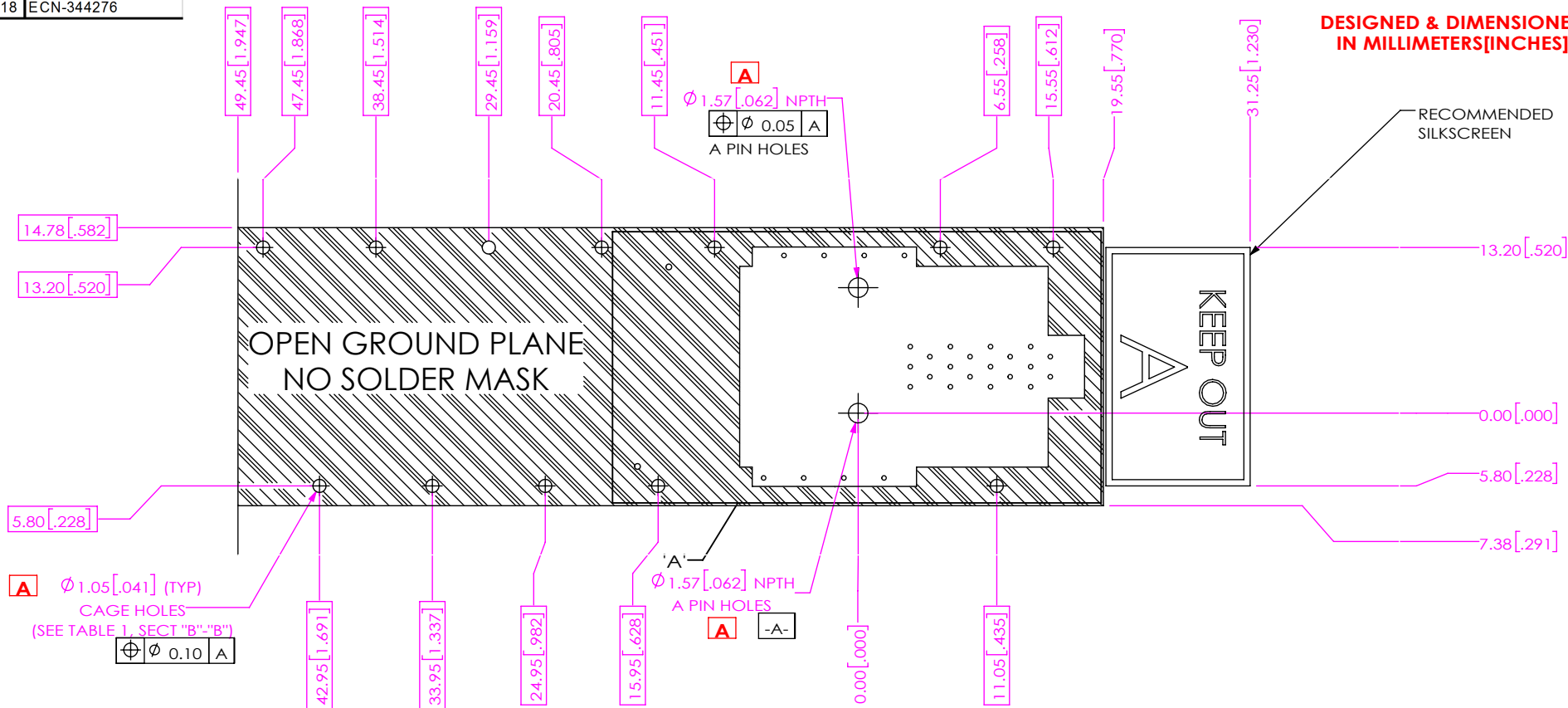


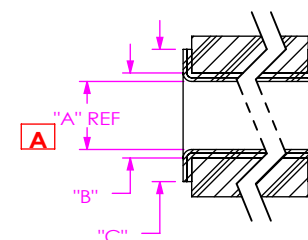
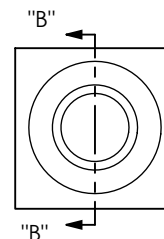
TABLE 1

	"A" (PTH)	"B" (DRILL HOLE)	"C" (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-DD-XX-A-XX.X-X SHOWN



NOTES:

1. FQSFP-DD-XX-A-XX.X-X FOR USE IN NON BELLY-TO-BELLY APPLICATIONS.
2. FQSFP-DD-XX-B-XX.X-X ONLY USED AS BOTTOM IN BELLY TO BELLY APPLICATIONS.
3. 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.
4. TRACES AND COMPONENTS IN KEEP OUT AREA MUST BE UNDER 1.27MM TALL.



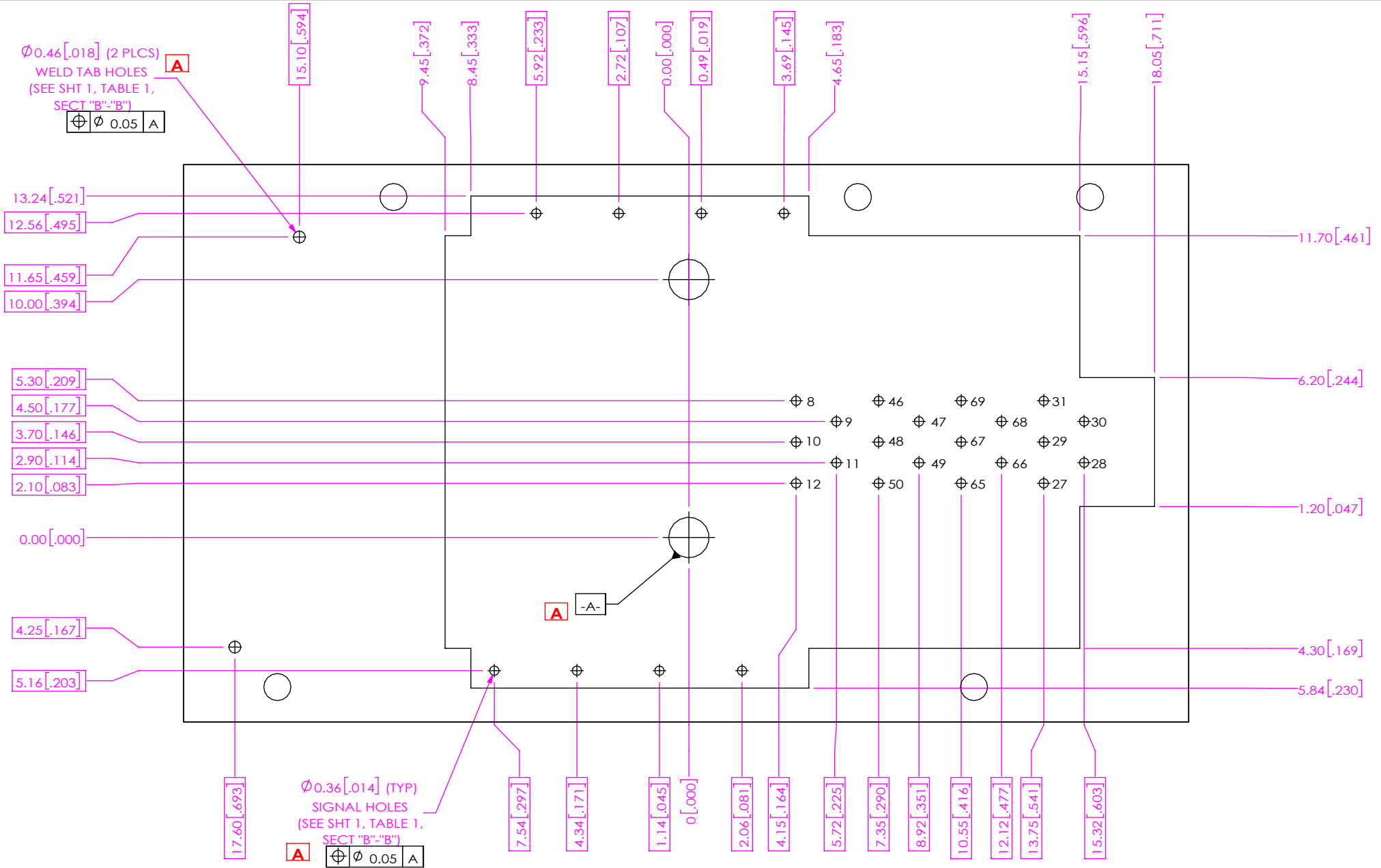
UNLESS OTHERWISE SPECIFIED,  
DIMENSIONS ARE IN MILLIMETERS.

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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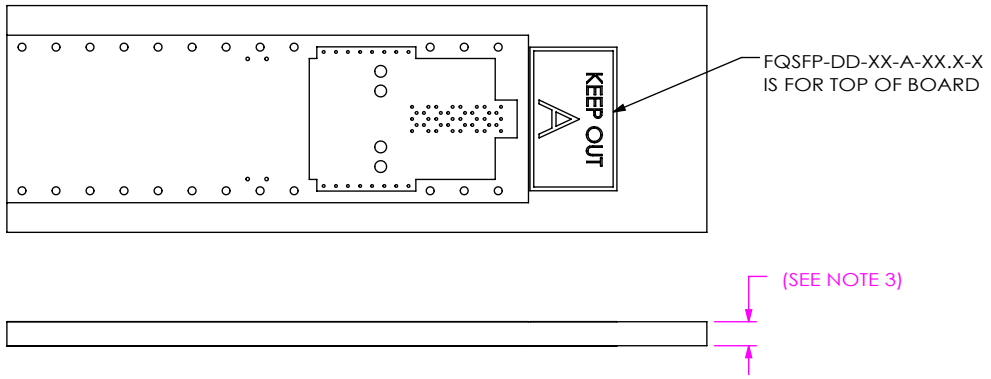
DETAIL 'A'  
 SCALE 5 : 1  
 LOW SPEED PIN NUMBERS SHOWN

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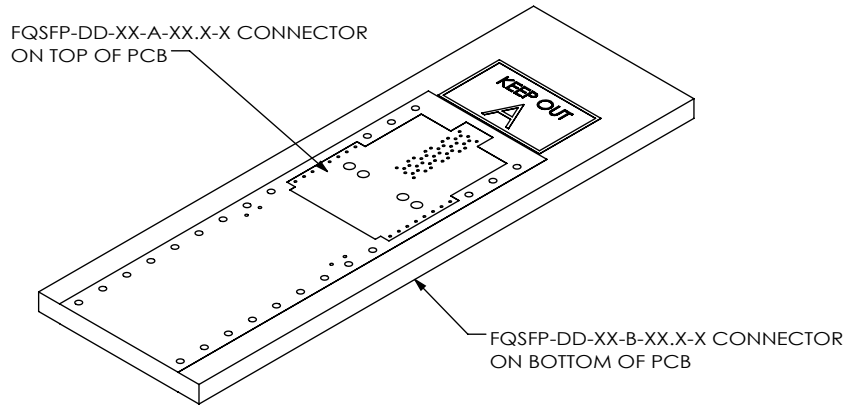


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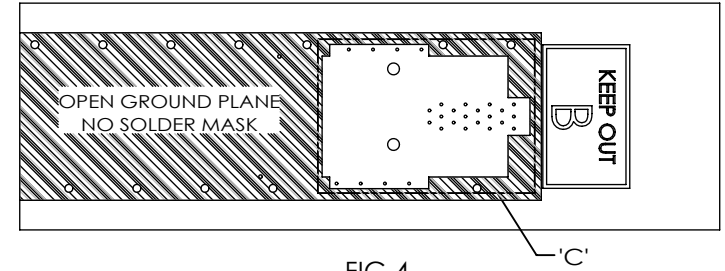
# RECOMMENDED PCB LAYOUT FOR FQSFP-DD-XX-X-XX.X-X



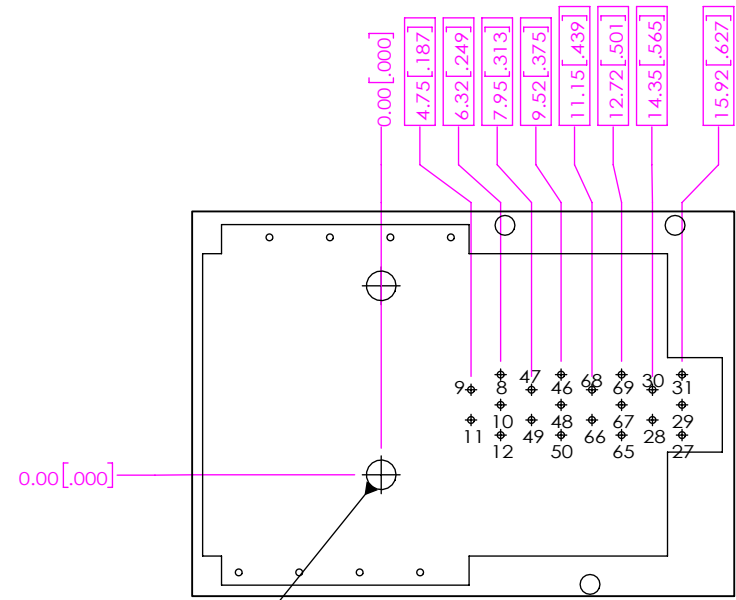
**FIG 2**  
BELLY TO BELLY FOOTPRINT SHOWN



**FIG 3**  
BELLY TO BELLY ISO



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



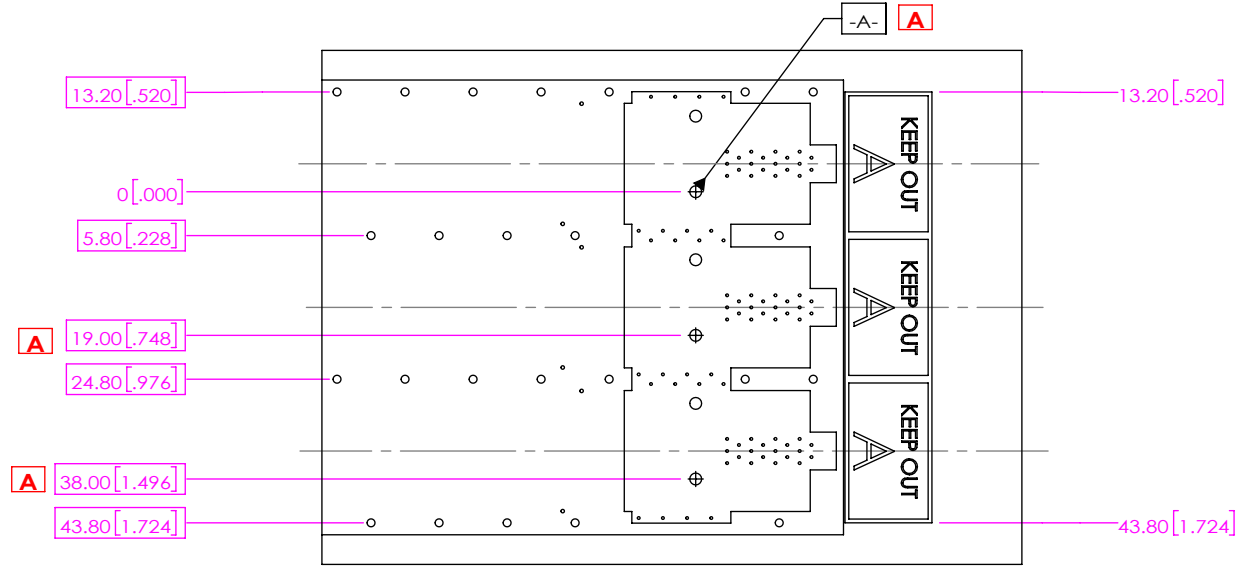
**DETAIL 'C'**  
SCALE 5 : 2  
LOW SPEED PIN NUMBERS SHOWN

**PROPRIETARY NOTE**

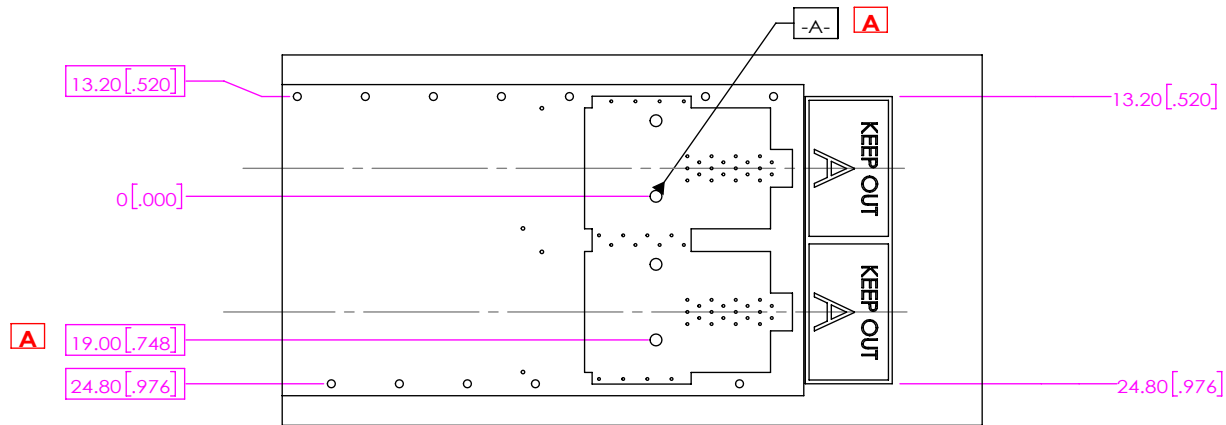
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**FIG 5** A  
 3 PORT FQSFP-DD-XX-A-XX.X-X SIDE SHOWN  
 (DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)



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

\* PROPRIETARY NOTE \*

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