

DO NOT SCALE FROM THIS PRINT

FJ-XX-X-XX.XX-X

**No OF POSITIONS**  
-05, -10, -15, -20, -25, -30

**STYLE**  
\*\*S: SINGLE ENDED  
-D: DOUBLE ENDED  
-R: REVERSE STIFFENER

**STRIP LENGTH**  
\*\*-2: .079 [2.00]  
\*-4: .157 [4.00]  
\*\*-6: .236 [6.00]

**LENGTH**  
-XX.XX: "XX" INCHES ±.125 [3.18]  
(-S STYLE 2.500 [63.50] MIN)  
(-D & -R STYLE 2.000 [50.80] MIN)

\* = RECOMMENDED MATING WITH FC1  
\*\* = ONLY AVAILABLE TO EXISTING CUSTOMERS, ALL OTHERS WILL BE ASP'S.

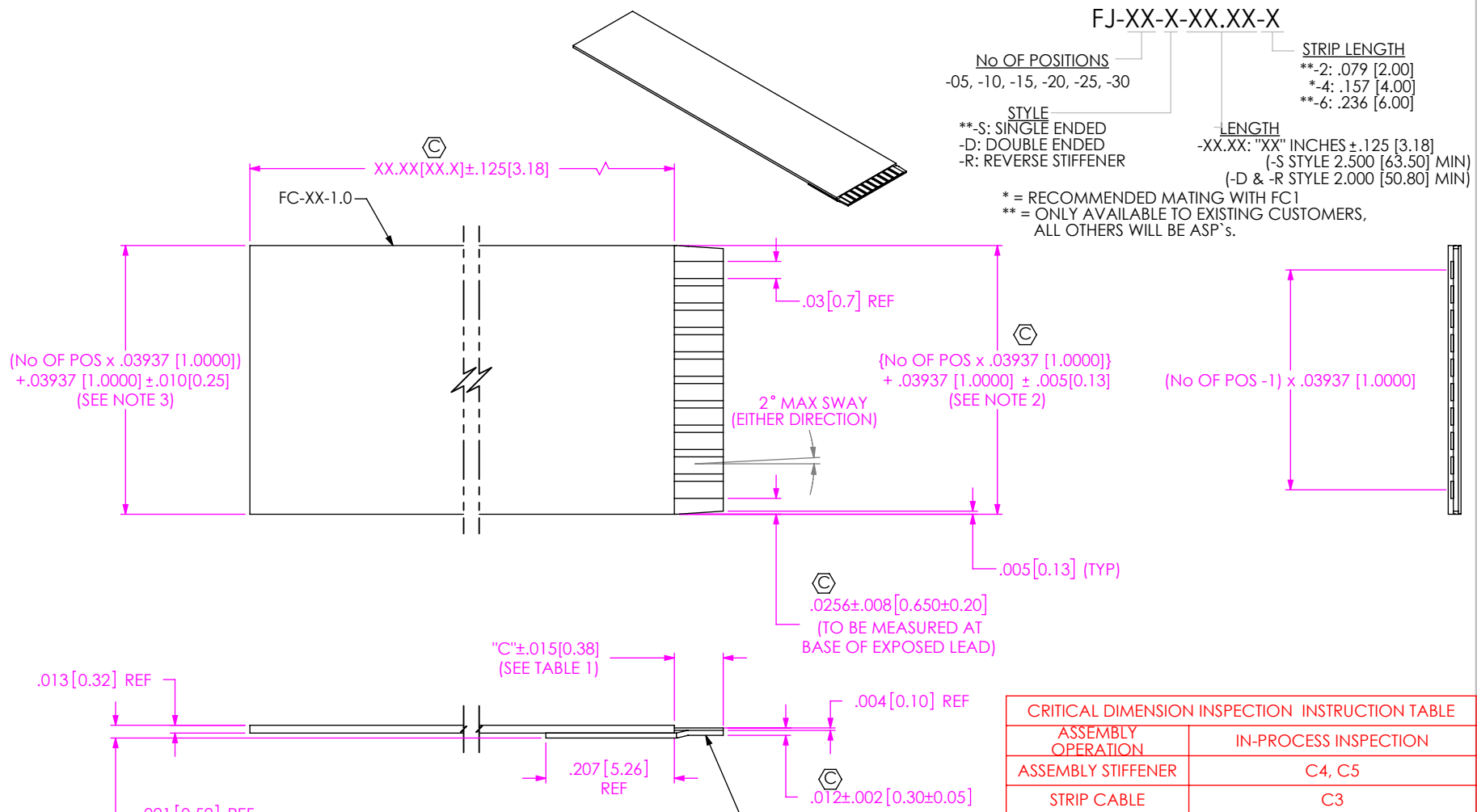


FIG 1  
HAND BUILT  
-S: SINGLE ENDED  
(FJ-10-S-XX-2 SHOWN)

| CRITICAL DIMENSION INSPECTION INSTRUCTION TABLE |                       |
|---|-----------------------|
| ASSEMBLY OPERATION                              | IN-PROCESS INSPECTION |
| ASSEMBLY STIFFENER                              | C4, C5                |
| STRIP CABLE                                     | C3                    |
| TRIM STIFFENER                                  | C1, C2, C6            |

| TABLE 1      |             |
|--------------|-------------|
| STRIP LENGTH | "C"         |
| -2           | .079 [2.00] |
| -4           | .157 [4.00] |
| -6           | .236 [6.00] |

- NOTES:
1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
  2. MEASURE WHERE STIFFENER AND CABLE ARE ATTACHED.
  3. MEASURED ALONG LENGTH OF CABLE, EXCEPT WHERE STIFFENER IS ATTACHED TO CABLE.
  4. NOTE DELETED.
  5. STIFFENER IS TRIMMED TO CORRECT WIDTH.
  6. NOTE DELETED.
  7. DIMENSION TO BE MEASURED IN ALL 4 CORNERS.


UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE:  
DECIMALS ANGLES  
.XX: ±.01 [.25] 2°  
.XXX: ±.005 [.13]  
.XXXX: ±.0020 [.050]

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**MATERIAL:**  
CONDUCTORS: TIN PLATED COPPER  
SURFACE FINISH EITHER BRIGHT ACID TIN (99.9% SN) OR MATTE TIN (95.5% SN, 3.5% AG, 1% CU)  
INSULATION: POLYESTER  
STIFFENER: POLYESTER

F:\DWG\MISC\MKTG\FJ-XX-X-XX.XX-X\MKT.SLDDRW

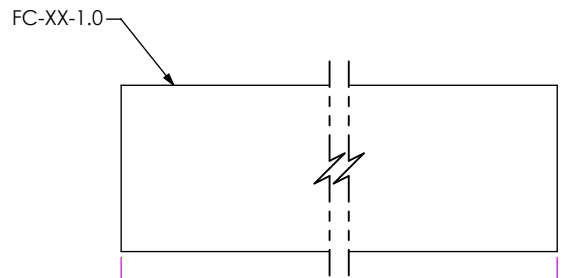


520 PARK EAST BLVD. NEW ALBANY, IN 47150  
PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION:  
.03937 [1.0000] FLEX CABLE JUMPER

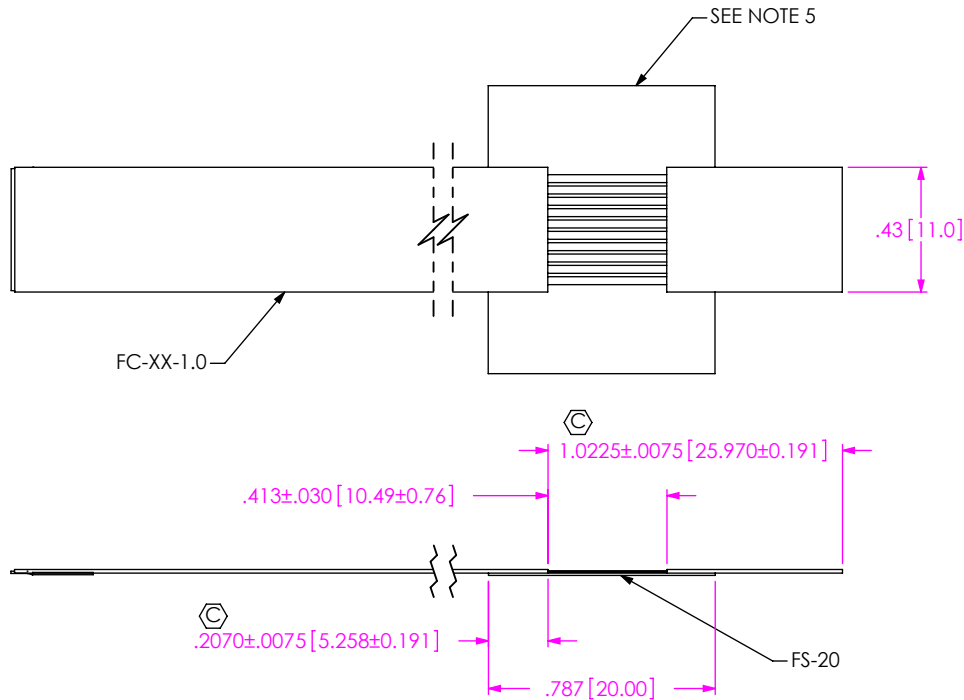
DWG. NO. FJ-XX-X-XX.XX-X

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FOR -S: (XX.XX [XX.X] + .591 [15.16]) ±.050 [1.27]  
 FOR -D & -R: (XX.XX [XX.X] + 1.181 [30.00]) ±.050 [1.27]

IN-PROCESS 1



IN-PROCESS 2  
 (TYP ON BOTH ENDS FOR -D & -R STYLES)

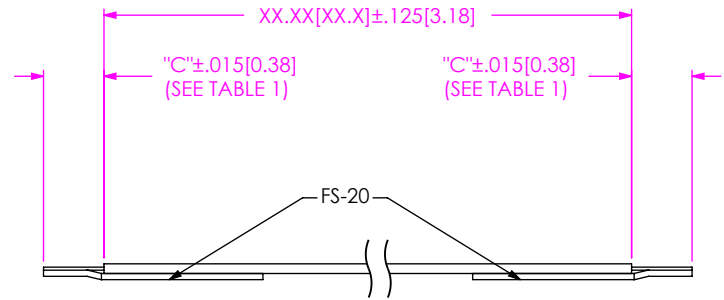


FIG 2  
 -D: DOUBLE ENDED  
 (SAME AS FIG 1, EXCEPT AS SHOWN)

(FIG 4 MAY BE SUBSTITUTED AT SAMTEC DISCRETION)

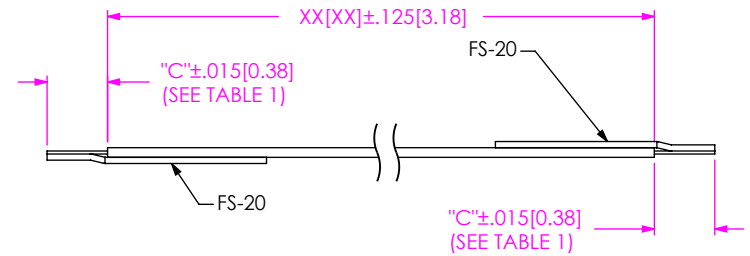


FIG 3  
 -R: REVERSE STIFFENER  
 (SAME AS FIG 1, EXCEPT AS SHOWN)

(FIG 5 MAY BE SUBSTITUTED AT SAMTEC DISCRETION)

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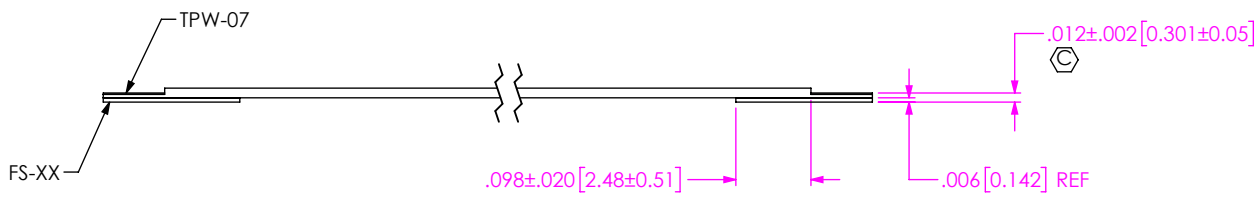
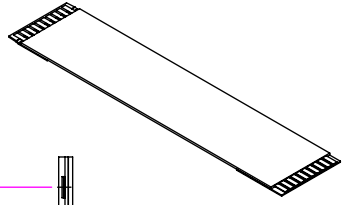
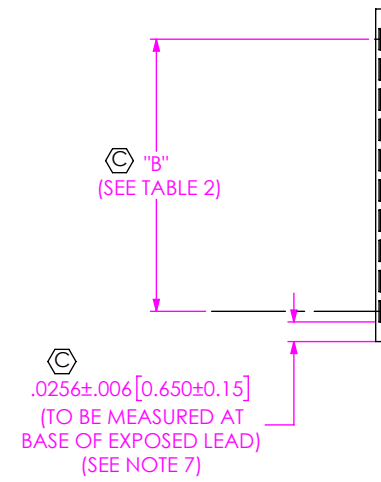
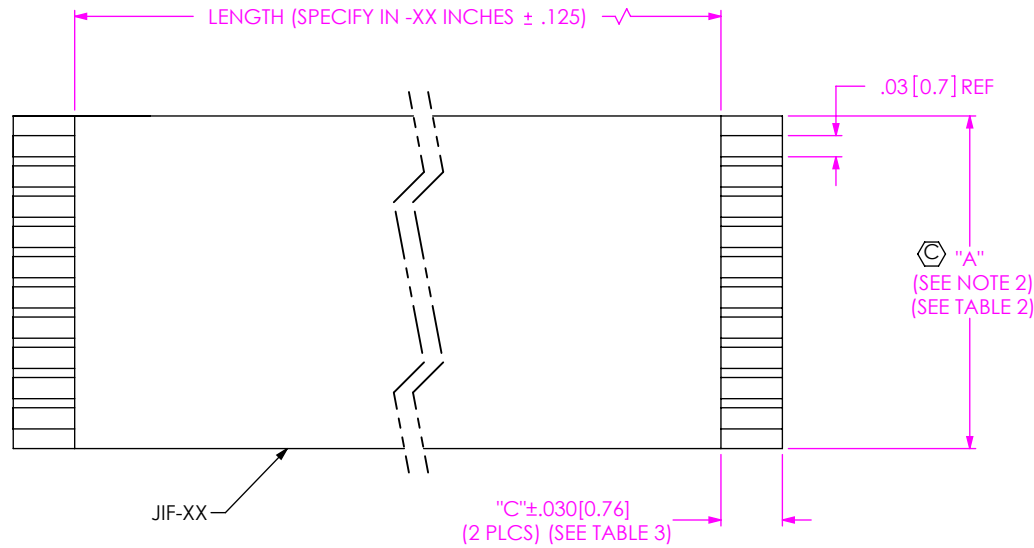


FIG 4  
-D: DOUBLE ENDED  
(FJ-10-D-XX.XX-4 SHOWN)

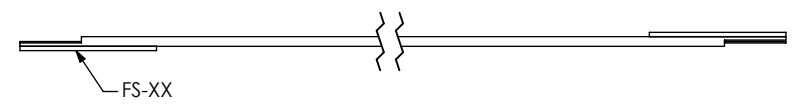


FIG 5  
-R: REVERSE STIFFENER  
(SAME AS FIG 4, EXCEPT AS SHOWN)

| NO. OF POS | "A"   | "B"   |
|------------|-------|-------|
| -05        | .236  | .157  |
| -10        | .433  | .354  |
| -15        | .630  | .551  |
| -20        | .827  | .748  |
| -25        | 1.024 | .944  |
| -30        | 1.221 | 1.142 |

| STRIP LENGTH | "C"         |
|--------------|-------------|
| -4           | .157 [4.00] |
| -6           | .236 [6.00] |

| No. OF POSITIONS | "No. OF CUT CABLES" |
|------------------|---------------------|
| -5               | 6                   |
| -10              | 3                   |
| -15              | 2                   |
| -20              | 1                   |
| -25              | 1                   |
| -30              | 1                   |

| MATERIAL LENGTH (IN) PER CABLE |                          |   |
|--------------------------------|--------------------------|---|
| -4                             | TPW-07                   | No. OF POS + 2 x (LENGTH + .314)                      |
|                                | FS-13 (SEE STRIP LENGTH) | 6.30 / No. OF CUT CABLES (SEE TABLE 4)                |
|                                | JIF-120                  | 2 x (LENGTH + .314) / No. OF CUT CABLES (SEE TABLE 4) |
| -6                             | TPW-07                   | No. OF POS + 2 x (LENGTH + .472)                      |
|                                | FS-17 (SEE STRIP LENGTH) | 6.30 / No. OF CUT CABLES (SEE TABLE 4)                |
|                                | JIF-120                  | 2 x (LENGTH + .472) / No. OF CUT CABLES (SEE TABLE 4) |

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