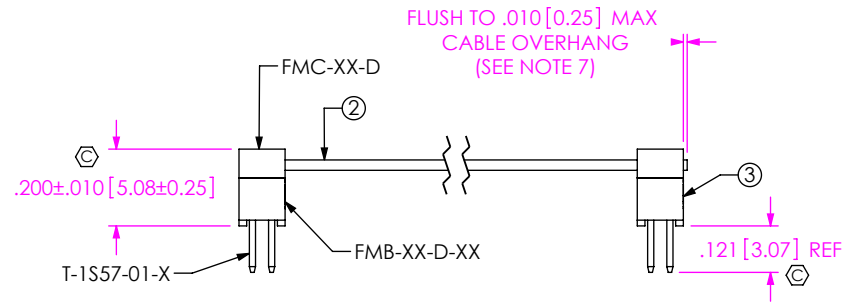
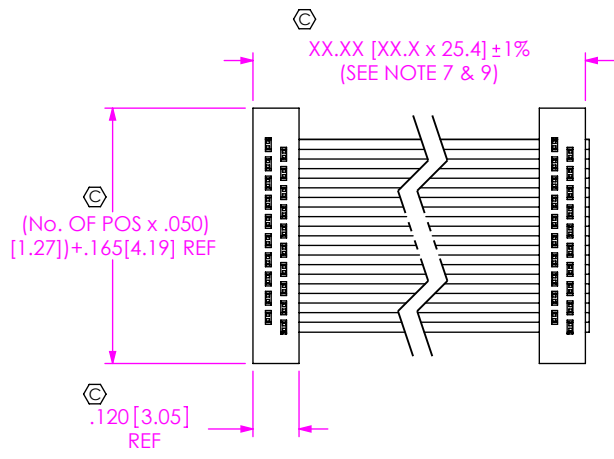


DO NOT SCALE FROM THIS PRINT

FIG 1  
(FFMD-10-D-XX.XX-01-X SHOWN)



FFMD-XX-X-XX.XX-01-X-X-XXX

No OF POSITIONS  
-03 TO -25

END ASSEMBLY  
-D: DOUBLE END  
-S: SINGLE END  
\*-T: TRANSFER END

ASSEMBLY LENGTH  
(2.00 [50.8] MINIMUM)

LEAD STYLE

PLATING OPTIONS  
LEAVE BLANK FOR STANDARD  
(USE T-1S57-01-T AND C-67-L)  
-L: SELECTIVE LIGHT GOLD  
(USE T-1S57-01-L AND C-67-L)  
-F: FLASH SELECTIVE GOLD  
(USE T-1S57-01-F AND C-67-F)  
-S: SELECTIVE GOLD  
(USE T-1S57-01-S AND C-67-S)

OPTION

-RW: REVERSE WIRING  
-BXX: BREAKOUT OPTION  
-O: OUTSIDE REVERSED  
-M: MIDDLE REVERSED  
-R: REVERSE  
-DXX: DAISY CHAIN (MINIMUM 2.00 [50.8], 1.00 [25.4] INCREMENTS)  
-SR: STRAIN RELIEF (NOT AVAILABLE WITH -O, -M, -R, -DXX OR -BXX) (SOLD AS ASSEMBLIES ONLY)

TRANSFER OPTION

-N: SOCKET HAS NOTCH POLARIZATION (-T END ASSEMBLY ONLY) (LEAVE BLANK FOR -S AND -D END OPTIONS) (NOT AVAILABLE ON POSITIONS -02 THRU -04)

\*16-25 POS TRANSFER END STRAIN RELIEF NOT RELEASED FOR PRODUCTION

FIG 2  
(FFMD-10-S-XX.XX-01-X SHOWN)  
(SAME AS FIG 1, DIFFERENT AS SHOWN)

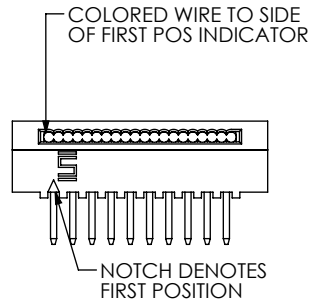
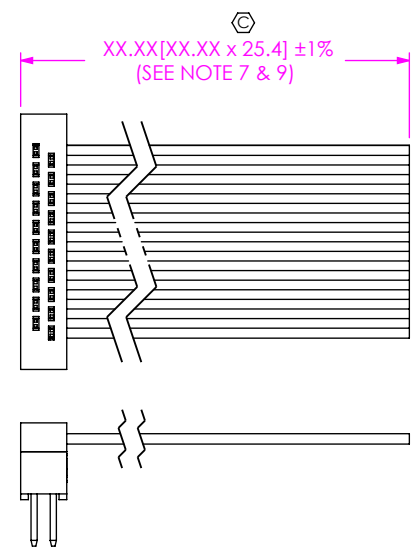


TABLE 1	
ITEM #	PART
1	FFSD-XX-XX-X-N
2	CB-XX-30-7
3	FFMD-XX-XX-X-XX
4	FFMD-XX-01-X-SR
5	FFSR-XX-01
6	FFSR-XX-02
7	FFSD-XX-XX-X-N-SR1
8	FFSD-XX-XX-X-N-SR2

- NOTES:
- ① REPRESENTS A CRITICAL DIMENSION.
  - FFSD ASSEMBLY TO BE USED FOR TRANSFER END ONLY.
  - ALL ASSEMBLIES TO BE 100% ELECTRONICALLY TESTED FOR SHORTS AND OPENS.
  - ALL ASSEMBLIES TO BE 100% HI-POT TESTED AT 630V.
  - STRAIN RELIEF TO WITHSTAND 5LB[22N] STRAIGHT PULL.
  - FFMD CABLE ASSEMBLIES ARE LEAD FREE.
  - WHEN CUTTING CABLE TO LENGTH, CONDUCTORS SHOULD NOT EXTEND PAST THE CABLE INSULATION, EXTENDING LESS THAN 25% OF CABLE THICKNESS ON CONSECUTIVE AND LESS THAN 50% OF CABLE THICKNESS ON NON-CONSECUTIVE STRANDS IS CONSIDERED A PROCESS INDICATOR.
  - REFERENCE FFMD-XX-XX-X-XX (AND FFSD-XX-XX-X-N-XX FOR -T OPTION) DRAWING FOR CONNECTOR ASSEMBLY DIMENSIONS AND ITS REQUIREMENTS.
  - FOR LENGTHS LESS THAN 12.5" TOLERANCE SHALL BE +/- .125, ALL OTHER LENGTHS SHALL BE +/- 1%.
  - PACKAGE PER IDC STYLE CABLE SECTION OF PACKAGING MANUAL.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.  
TOLERANCES ARE:  
DECIMALS ANGLES  
.XX: ±.01 [.3] 2°  
.XXX: ±.005 [.13]  
.XXXX: ±.0020 [.051]

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PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail: info@SAMTEC.com code: 55322

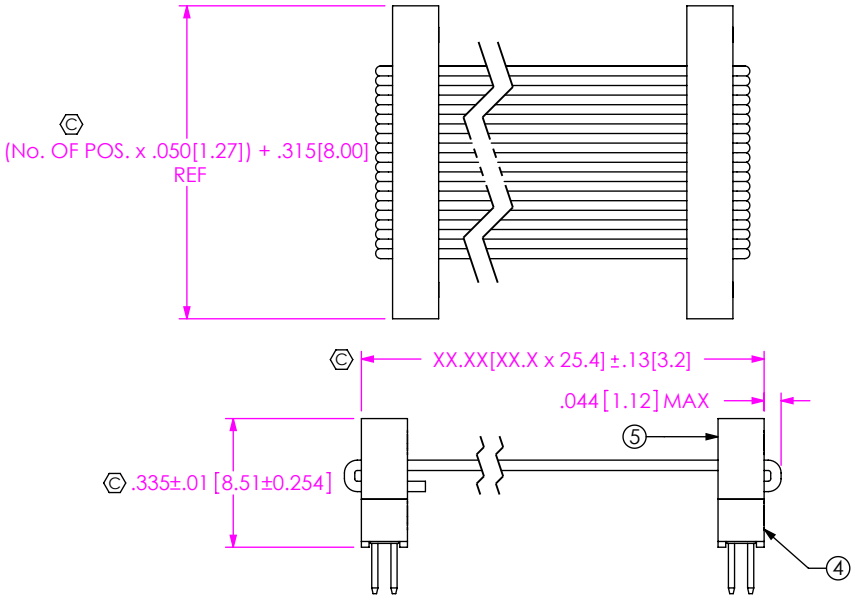
MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 2:1  
INSULATOR: PBT, COLOR: BLACK  
CONTACT: BeCu  
TERMINAL: PHOS BRONZE  
WIRE: 30 AWG, 7/38, TINNED, STRANDED WITH PVC INSULATOR

DESCRIPTION:  
.050 X .050 DOUBLE ROW MALE IDC CABLE ASSEMBLY

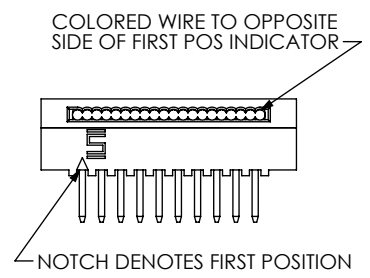
DWG. NO.  
FFMD-XX-X-XX.XX-01-X-X-XXX

BY: T NEWTON 02/15/2008 SHEET 1 OF 6

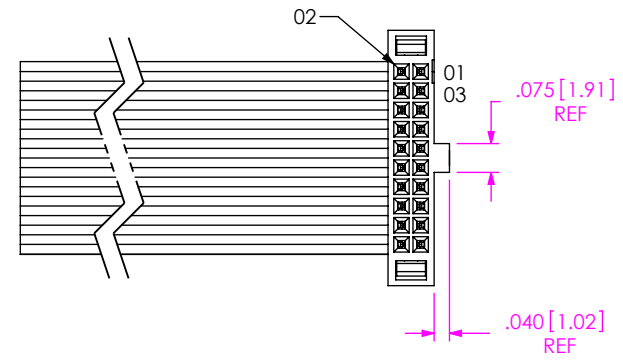
**FIG 3**  
(FFMD-10-D-XX.XX-01-X-SR SHOWN)  
(SAME AS FIG 1, DIFFERENT AS SHOWN)



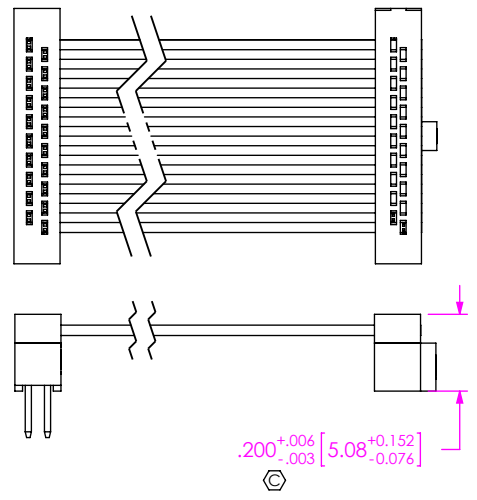
**FIG 4**  
(FFMD-10-X-XX.XX-01-X-RW SHOWN)  
(SAME AS FIG 1, DIFFERENT AS SHOWN)



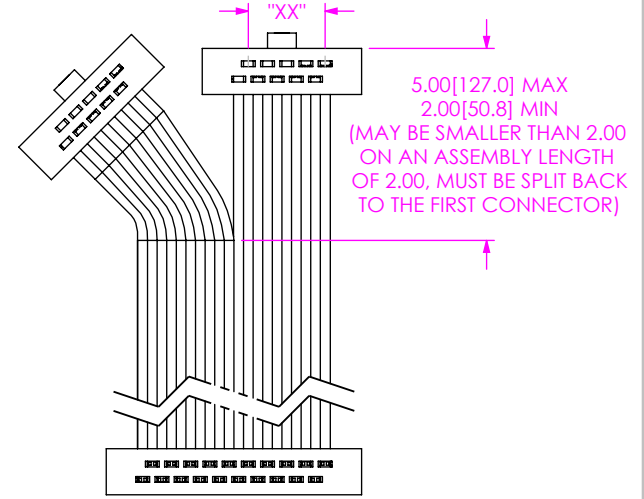
**FIG 5**  
(FFMD-10-X-XX.XX-01-X-N SHOWN)  
(SAME AS FIG 1 AND FIG 6, DIFFERENT AS SHOWN)  
(FOR -T ONLY)  
(IF OPTION IS SPECIFIED USE FFSD-XX-01-X-N)



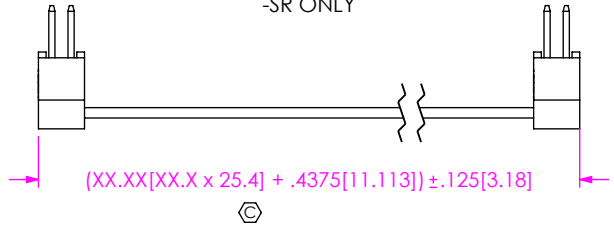
**FIG 6**  
(FFMD-10-T-XX.XX-01-X-N SHOWN)  
(SAME AS FIG 1, DIFFERENT AS SHOWN)



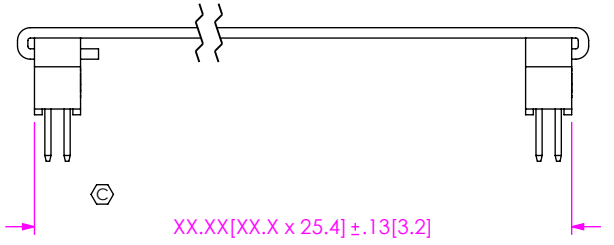
**FIG 7**  
(FFMD-10-T-XX.XX-01-X-N-B05 SHOWN)  
(SAME AS FIG 1 AND FIG 6, DIFFERENT AS SHOWN)  
"XX" = NO. OF CONDUCTORS PER ROW  
BROKEN OUT FROM THE FIRST POSITION



**IN-PROCESS 1**  
-SR ONLY



**IN-PROCESS 2**  
-SR ONLY



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

DESCRIPTION:  
.050 X .050 DOUBLE ROW MALE IDC CABLE ASSEMBLY

DWG. NO.  
**FFMD-XX-X-XX.XX-01-X-X-XXX**

BY: T NEWTON 02/15/2008 SHEET 2 OF 6

FIG 8

(FFMD-10-D-XX.XX-01-X-DXX-O SHOWN)  
 (SAME AS FIG 1, DIFFERENT AS SHOWN)  
 (2.00[50.8] MINIMUM LENGTH, 1.00[25.4] INCREMENTS)  
 (NOT AVAILABLE WITH -R OR -M OPTIONS)

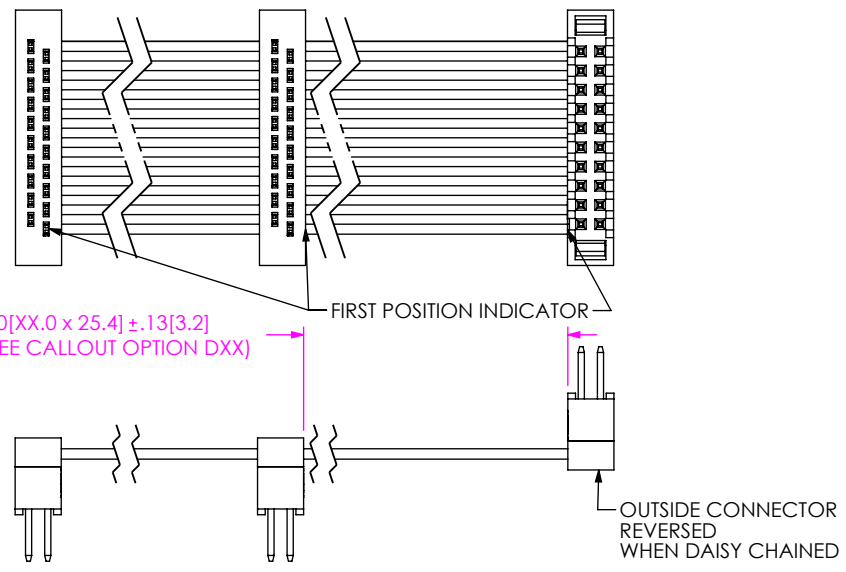


FIG 9

(FFMD-10-D-XX.XX-01-X-DXX-M SHOWN)  
 (SAME AS FIG 1, DIFFERENT AS SHOWN)  
 (2.00[50.8] MINIMUM LENGTH, 1.00[25.4] INCREMENTS)  
 (NOT AVAILABLE WITH -R OR -O OPTIONS)

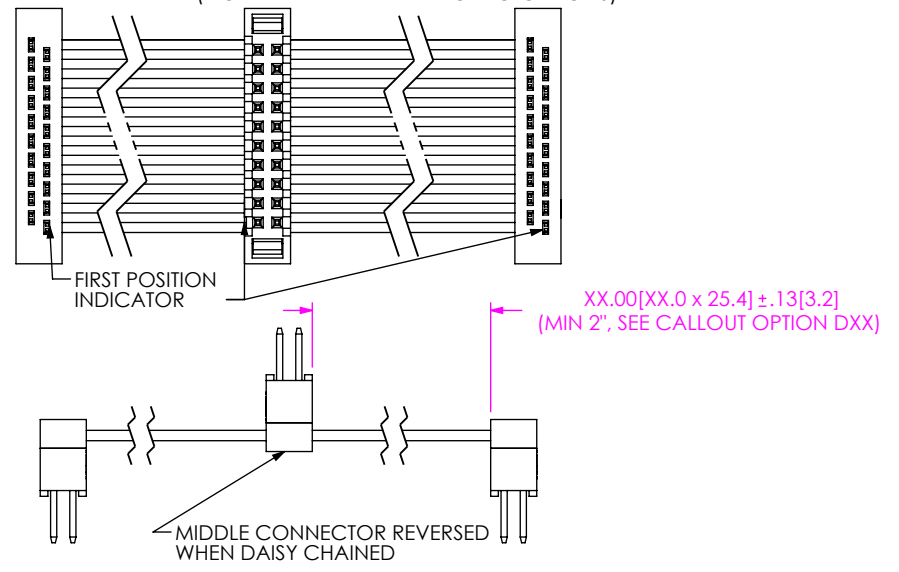


FIG 10

(FFMD-10-T-XX.XX-01-X-N-DXX-O SHOWN)  
 (SAME AS FIG 1 AND FIG 6, DIFFERENT AS SHOWN)  
 (2.00[50.8] MINIMUM LENGTH, 1.00[25.4] INCREMENTS)  
 (NOT AVAILABLE WITH -R OR -M OPTIONS)

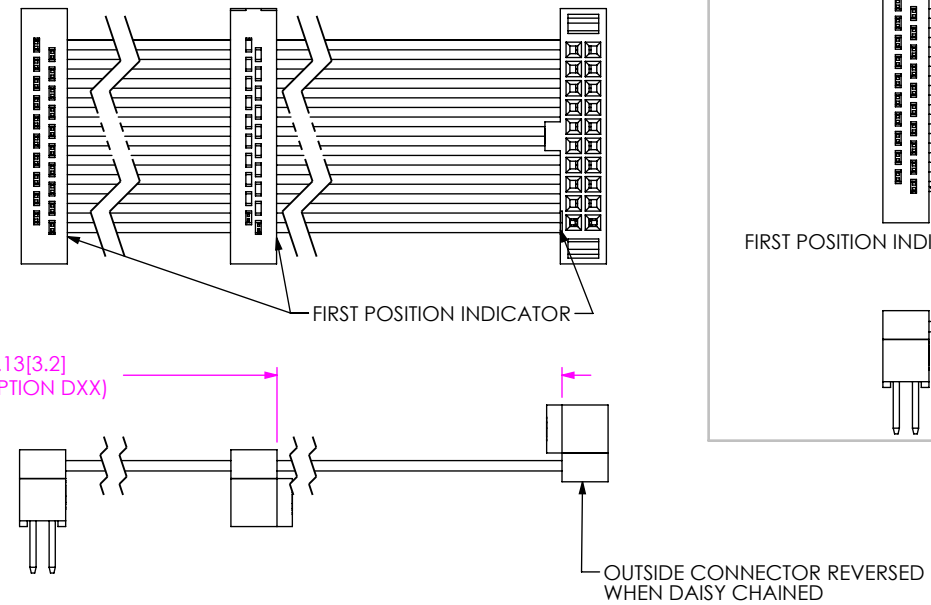
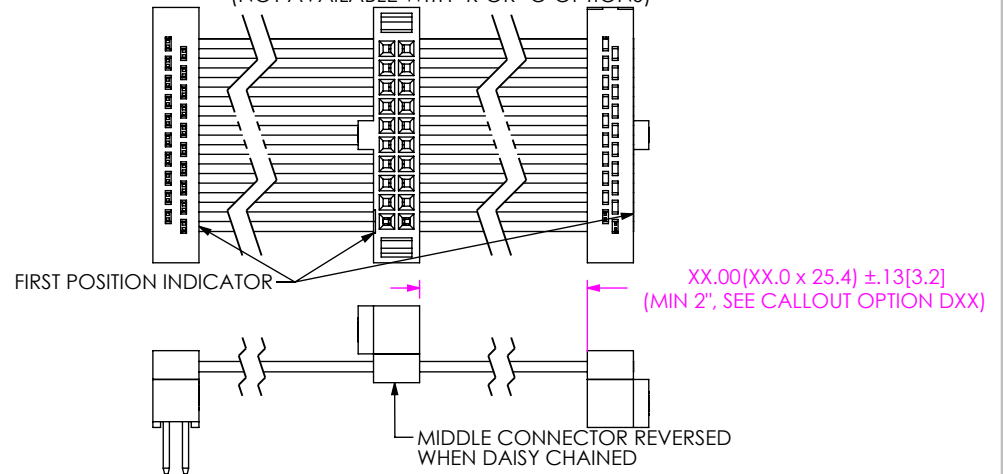


FIG 11

(FFMD-10-T-XX.XX-01-X-N-DXX-M SHOWN)  
 (SAME AS FIG 1 AND FIG 6, DIFFERENT AS SHOWN)  
 (2.00[50.8] MINIMUM LENGTH, 1.00[25.4] INCREMENTS)  
 (NOT AVAILABLE WITH -R OR -O OPTIONS)



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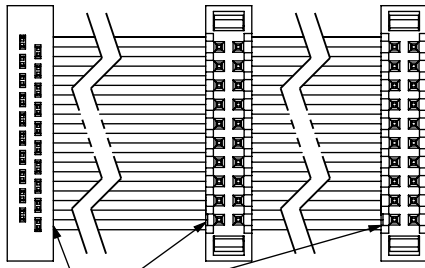
**samtec**  
 520 PARK EAST BLVD, NEW ALBANY, IN 47150  
 PHONE: 812-944-6733 FAX: 812-948-5047  
 e-Mail: info@SAMTEC.com code: 55322

DO NOT SCALE DRAWING  
 SHEET SCALE: 2:1

DESCRIPTION:  
 .050 X .050 DOUBLE ROW MALE IDC CABLE ASSEMBLY  
 DWG. NO.  
**FFMD-XX-X-XX.XX-01-X-X-XXX**  
 BY: T NEWTON 02/15/2008 SHEET 3 OF 6

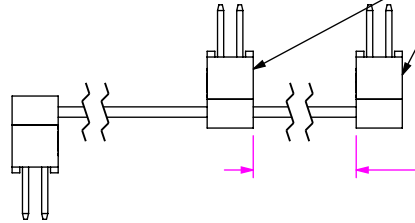
FIG 12

(FFMD-10-D-XX.XX-01-DXX-R SHOWN)  
 (SAME AS FIG 1, DIFFERENT AS SHOWN)  
 (2.00[50.8] MINIMUM LENGTH, 1.00[25.4] INCREMENTS)  
 (NOT AVAILABLE WITH -M OR -O OPTIONS)



FIRST POSITION INDICATOR

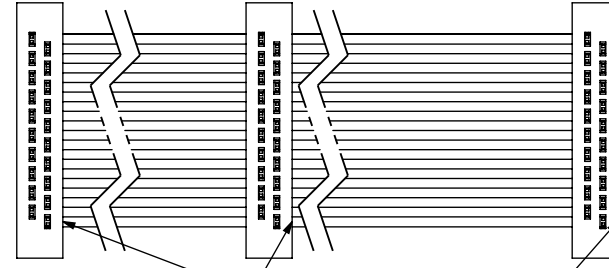
BOTH CONNECTORS REVERSED WHEN DAISY CHAINED



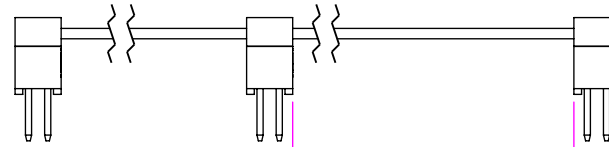
$XX.00[XX.0 \times 25.4] \pm .13[3.2]$   
 (MIN 2", SEE CALLOUT OPTION DXX)

FIG 13

(FFMD-10-D-XX.XX-01-X-DXX)  
 (SAME AS FIG 1, DIFFERENT AS SHOWN)  
 (2.00[50.8] MINIMUM LENGTH, 1.00[25.4] INCREMENTS)



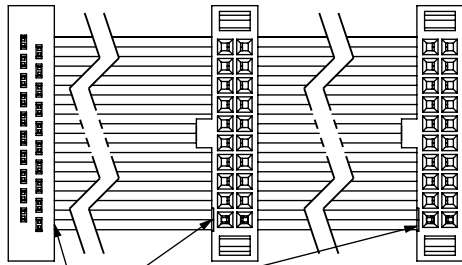
FIRST POSITION INDICATOR



$XX.00[XX.0 \times 25.4] \pm .13[3.2]$   
 (MIN 2", SEE CALLOUT OPTION DXX)

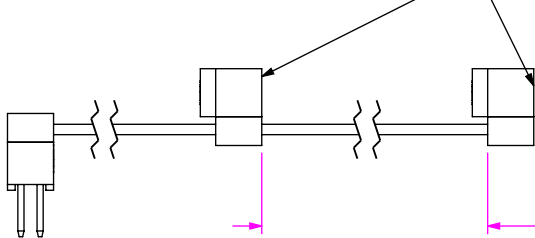
FIG 14

(FFMD-10-T-XX.XX-01-X-N-DXX-R SHOWN)  
 (SAME AS FIG 1 AND FIG 6, DIFFERENT AS SHOWN)  
 (2.00[50.8] MINIMUM LENGTH, 1.00[25.4] INCREMENTS)  
 (NOT AVAILABLE WITH -M OR -O OPTIONS)



FIRST POSITION INDICATOR

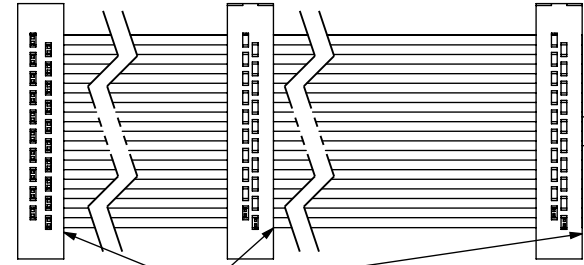
BOTH CONNECTORS REVERSED WHEN DAISY CHAINED



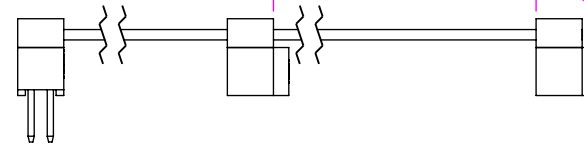
$XX.00[XX.0 \times 25.4] \pm .13[3.2]$   
 (MIN 2", SEE CALLOUT OPTION DXX)

FIG 15

(FFMD-10-T-XX.XX-01-X-N-DXX)  
 (SAME AS FIG 1 AND FIG 6, DIFFERENT AS SHOWN)  
 (2.00[50.8] MINIMUM LENGTH, 1.00[25.4] INCREMENTS)



FIRST POSITION INDICATOR



$XX.00[XX.0 \times 25.4] \pm .13[3.2]$   
 (MIN 2", SEE CALLOUT OPTION DXX)

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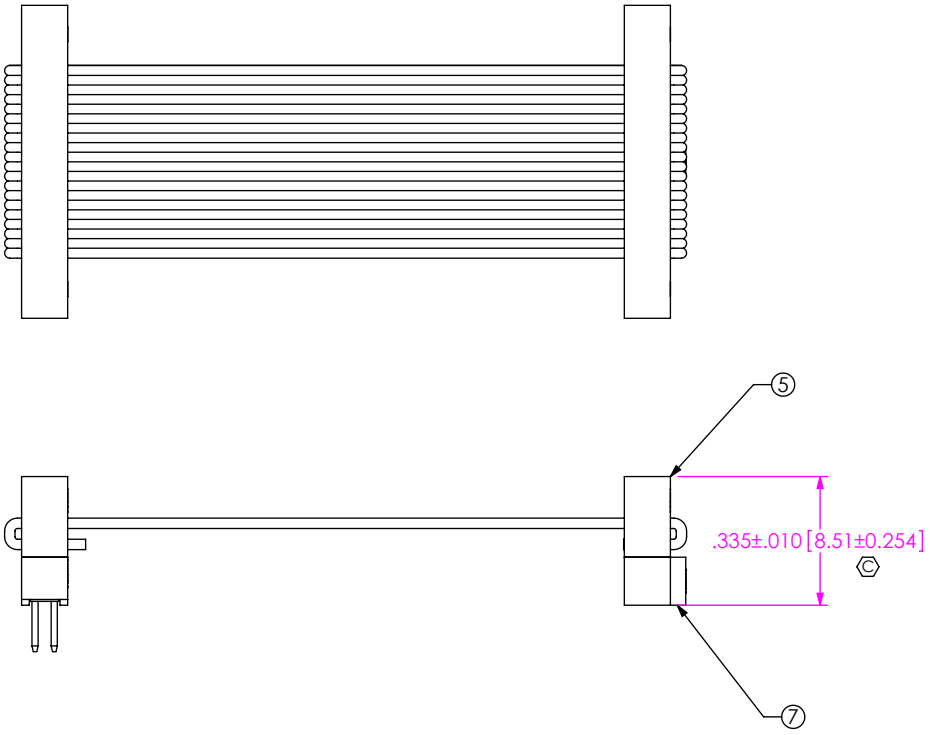
520 PARK EAST BLVD, NEW ALBANY, IN 47150  
 PHONE: 812-944-6733 FAX: 812-948-5047  
 e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION:  
 .050 X .050 DOUBLE ROW MALE IDC CABLE ASSEMBLY

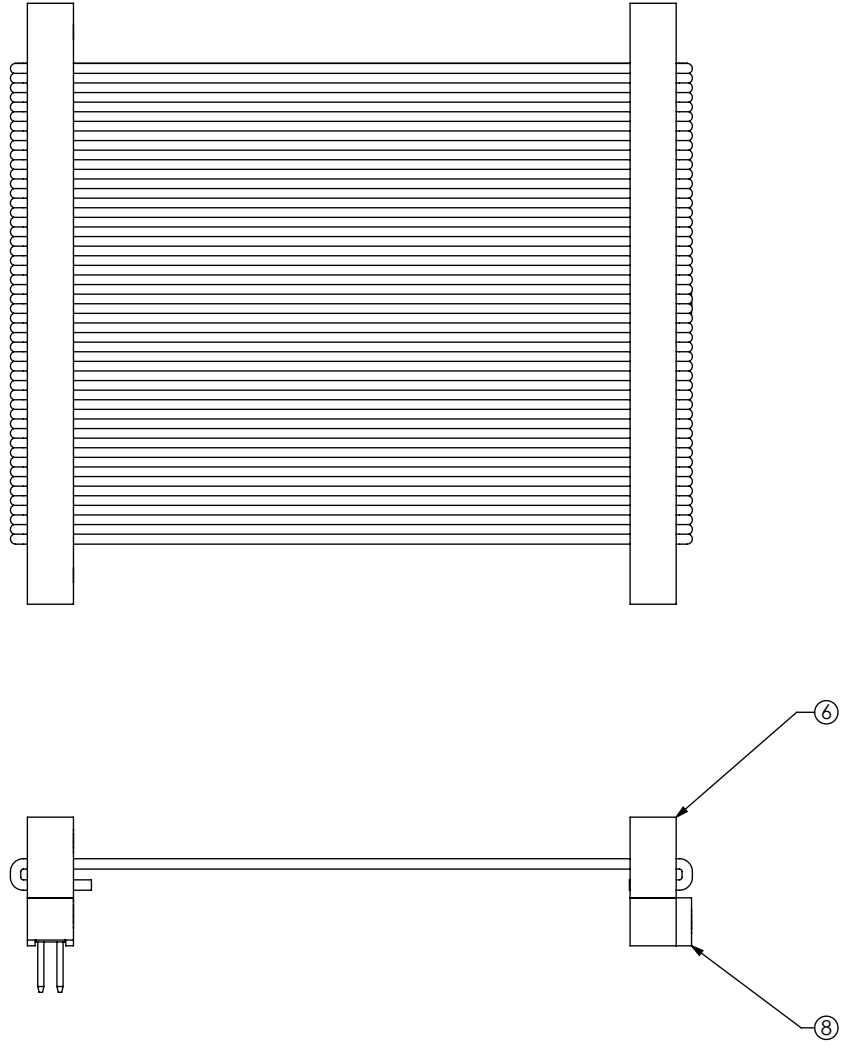
DWG. NO.  
**FFMD-XX-X-XX.XX-01-X-X-XXX**

BY: T NEWTON 02/15/2008 SHEET 4 OF 6

**FIG 16**  
 (FFMD-10-T-XX.XX-01-X-N-SR SHOWN)  
 (SAME AS FIG 1 AND FIG 3, DIFFERENT AS SHOWN)  
 (FOR POSITIONS 2-15 ONLY)



**FIG 17**  
 (FFMD-25-T-XX.XX-01-X-N-SR SHOWN)  
 (SAME AS FIG 1 AND FIG 16, DIFFERENT AS SHOWN)  
 (FOR POSITIONS 16-25 ONLY)  
 \*NOT RELEASED FOR PRODUCTION



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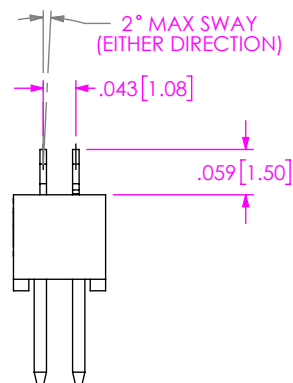
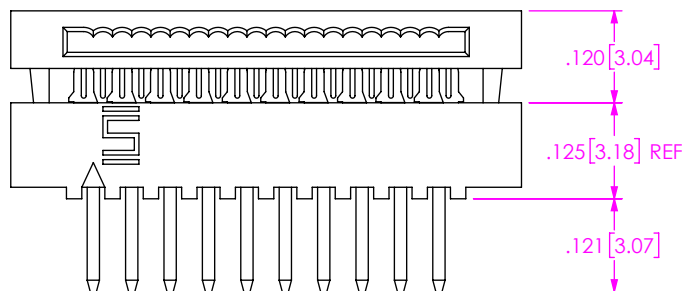
520 PARK EAST BLVD, NEW ALBANY, IN 47150  
 PHONE: 812-944-6733 FAX: 812-948-5047  
 e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION:  
 .050 X .050 DOUBLE ROW MALE IDC CABLE ASSEMBLY

DWG. NO.  
**FFMD-XX-X-XX.XX-01-X-X-XXX**

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FEND VIEW SHOWN WITH  
FMC-XX-D REMOVED



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e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION:  
.050 X .050 DOUBLE ROW MALE IDC CABLE ASSEMBLY  
DWG. NO.  
FFMD-XX-X-XX.XX-01-X-X-XXX  
BY: T NEWTON 02/15/2008 SHEET 6 OF 6