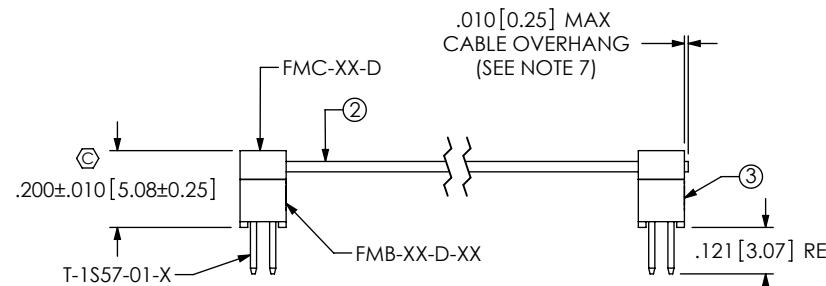
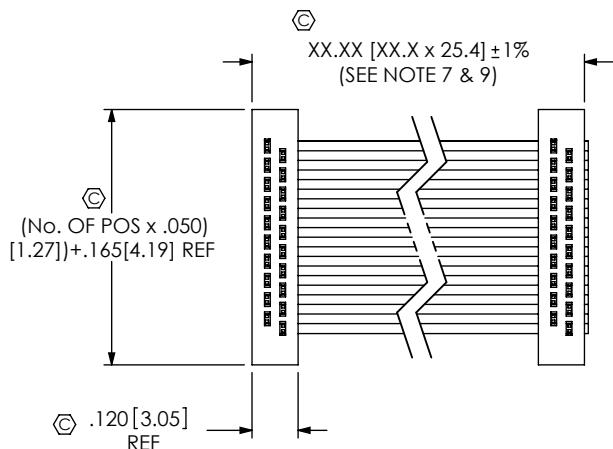


DO NOT
SCALE FROM
THIS PRINTFIG 1
(FFMD-10-D-XX.XX-01-X SHOWN)

NOTES:

- ① © REPRESENTS A CRITICAL DIMENSION.
2. FFSD ASSEMBLY TO BE USED FOR TRANSFER END ONLY.
- ③ ALL ASSEMBLIES TO BE 100% ELECTRONICALLY TESTED FOR SHORTS AND OPENS.
4. ALL ASSEMBLIES TO BE 100% HI-POT TESTED AT 630V.
5. STRAIN RELIEF TO WITHSTAND 5LB[22N] STRAIGHT PULL.
6. FFMD CABLE ASSEMBLIES ARE LEAD FREE.
7. 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.
8. REFERENCE FFMD-XX-XX-X-XX (AND FFSD-XX-XX-X-N-XX FOR -T OPTION) DRAWING FOR CONNECTOR ASSEMBLY DIMENSIONS AND ITS REQUIREMENTS.
9. FOR LENGTHS LESS THAN 12.5" TOLERANCE SHALL BE +/- .125, ALL OTHER LENGTHS SHALL BE +/- 1%.

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)

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

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)

COLORED WIRE TO SIDE
OF FIRST POS INDICATORNOTCH DENOTES
FIRST POSITION

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

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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MATERIAL:

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

SHEET SCALE: 2:1

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.

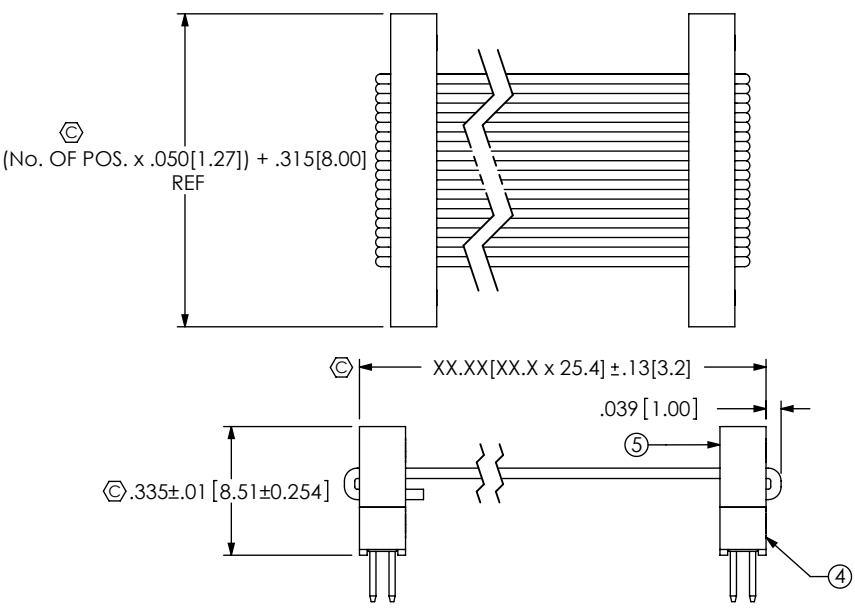
FFMD-XX-X-XX.XX-01-X-X-XXX

BY: T NEWTON 02/15/2008

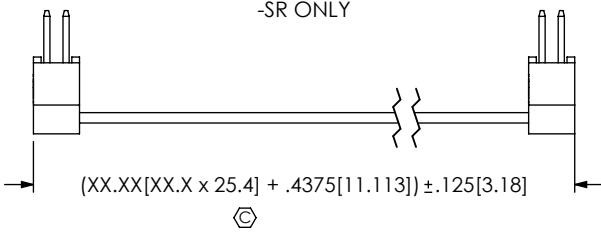
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SHEET 1 OF 5

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



IN-PROCESS 1
-SR ONLY



IN-PROCESS 2
-SR ONLY

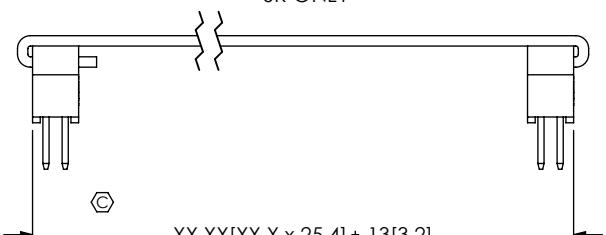


FIG 4
(FFMD-10-X-XX.XX-01-X-RW SHOWN)
(SAME AS FIG 1, DIFFERENT AS SHOWN)

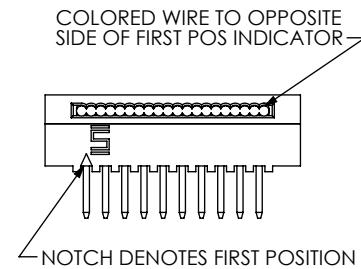


FIG 6
(FFMD-10-T-XX.XX-01-X-N SHOWN)
(SAME AS FIG 1, DIFFERENT AS SHOWN)

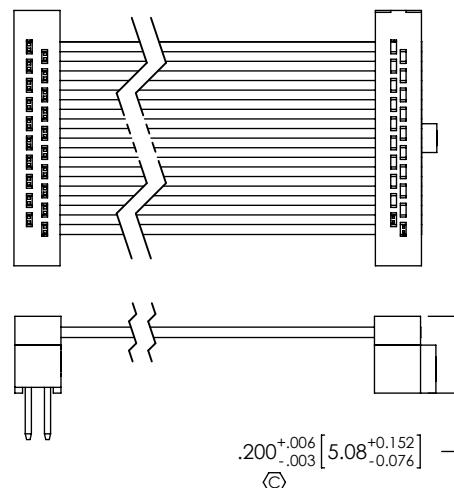


FIG 5
(FFMD-10-X-XX.XX-01-X-N SHOWN)
(SAME AS FIG 1 AND FIG 6, DIFFERENT AS SHOWN)
(FOR -T ONLY)
(IF OPTION IS SPECIFIED USE FFSD-XX-01-X-N)

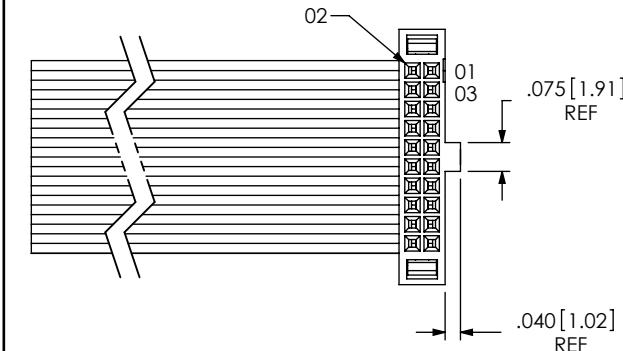
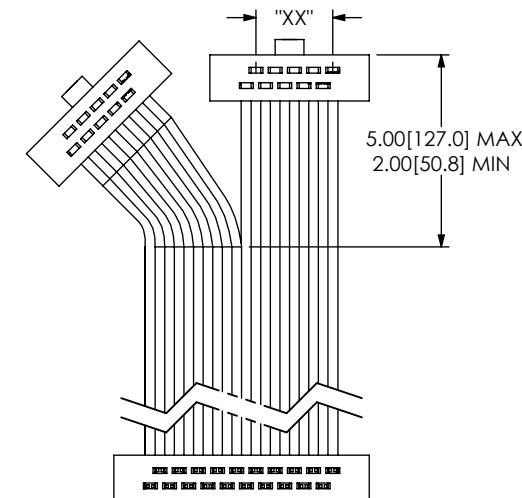


FIG 7
(FFMD-10-T-XX.XX-01-X-N-B05 SHOWN)
(SAME AS FIG 1 AND FIG 6, DIFFERENT AS SHOWN)
"XX" = NO. OF CONDUCTORS PER ROW
BROKEN OUT FROM THE FIRST POSITION



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

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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 -O OPTIONS)

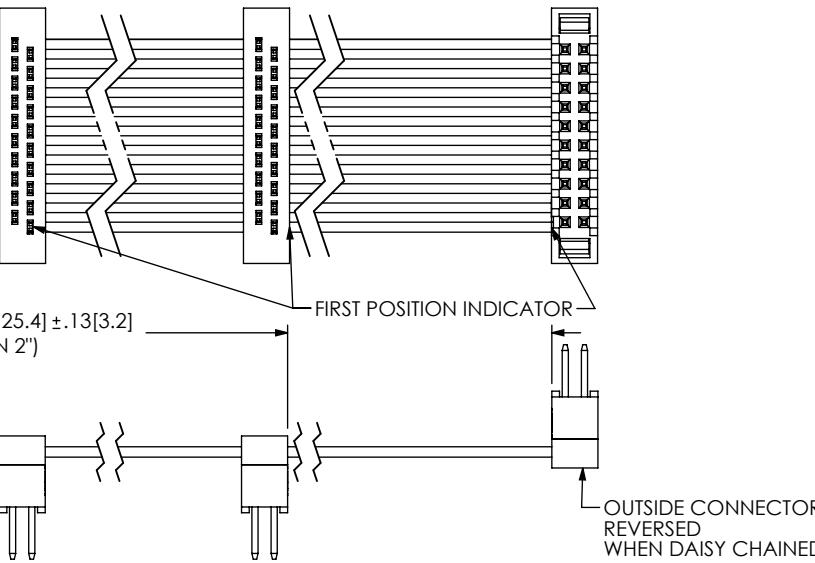


FIG 9

(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)

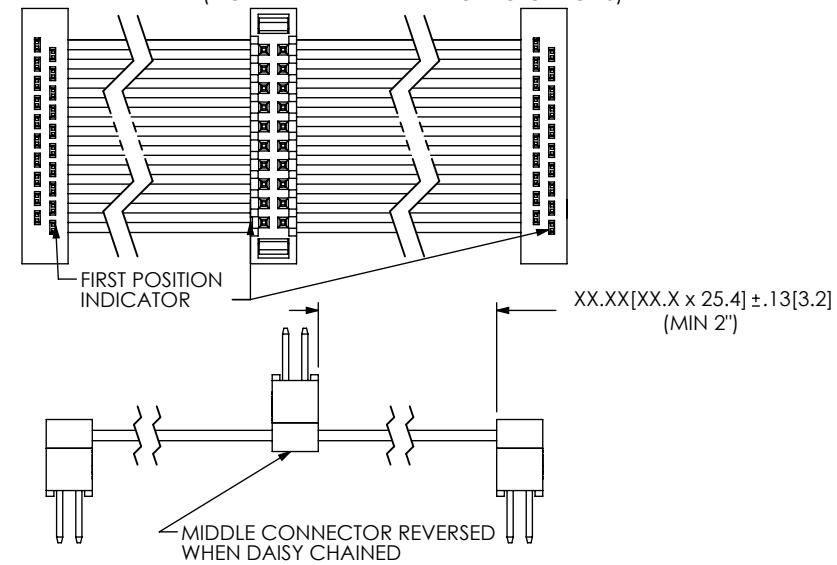


FIG 10

(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)

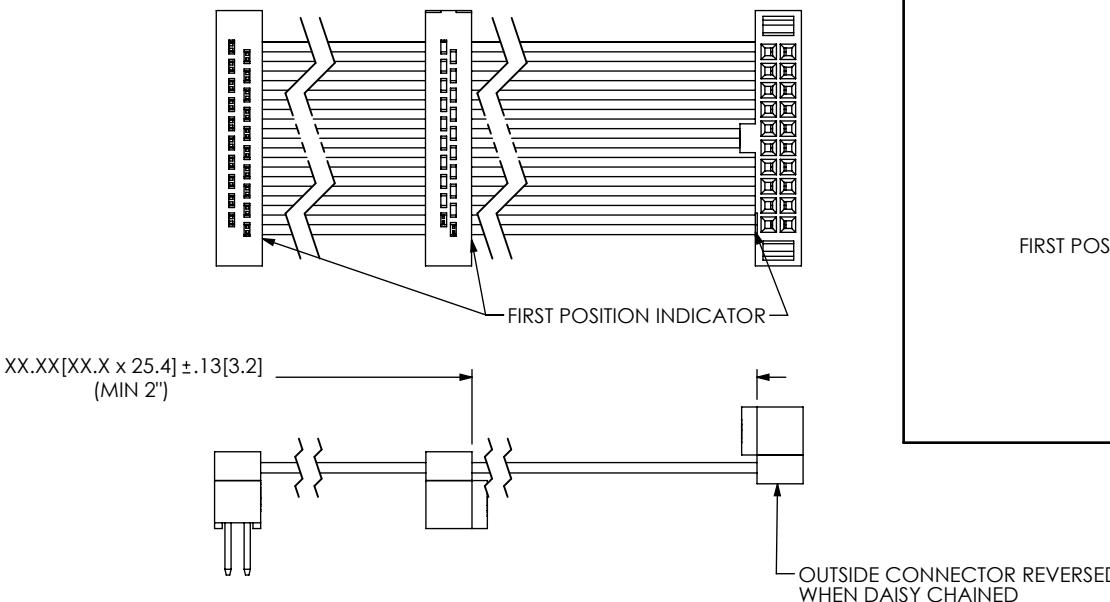
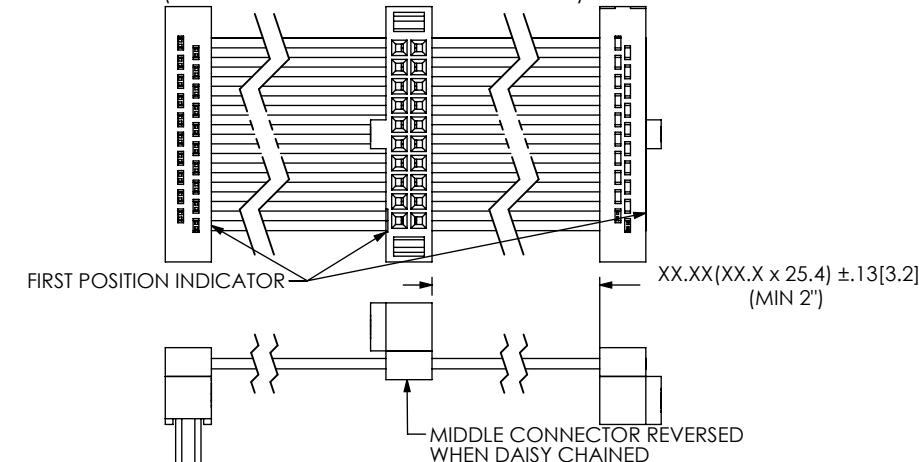


FIG 11

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

BY: T NEWTON 02/15/2008 SHEET 3 OF 5

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)

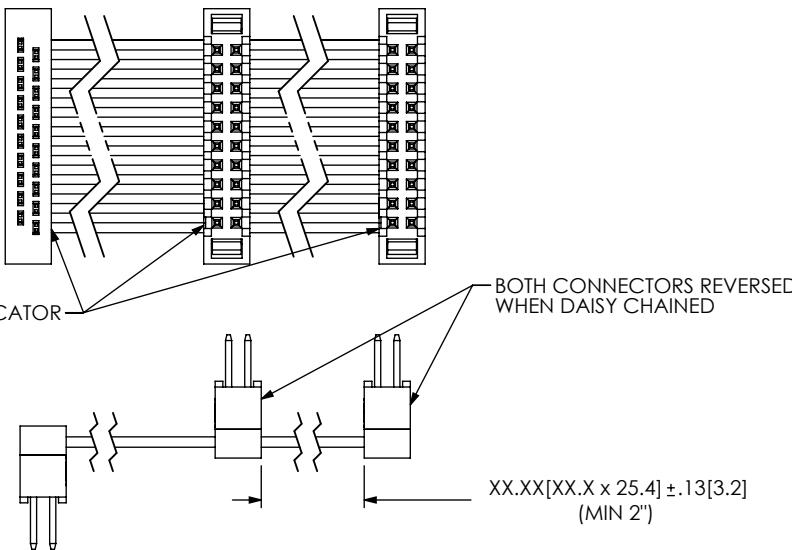


FIG 13

(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)

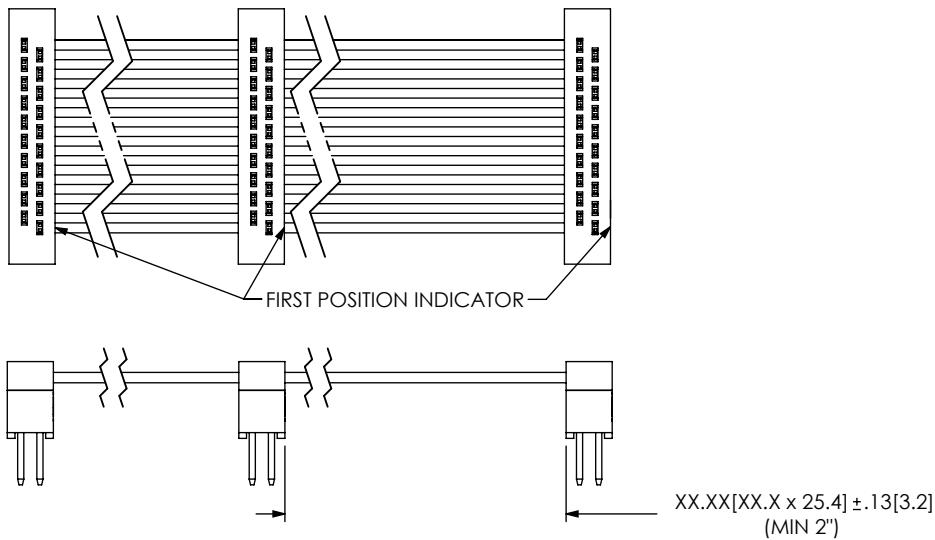


FIG 14

(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)

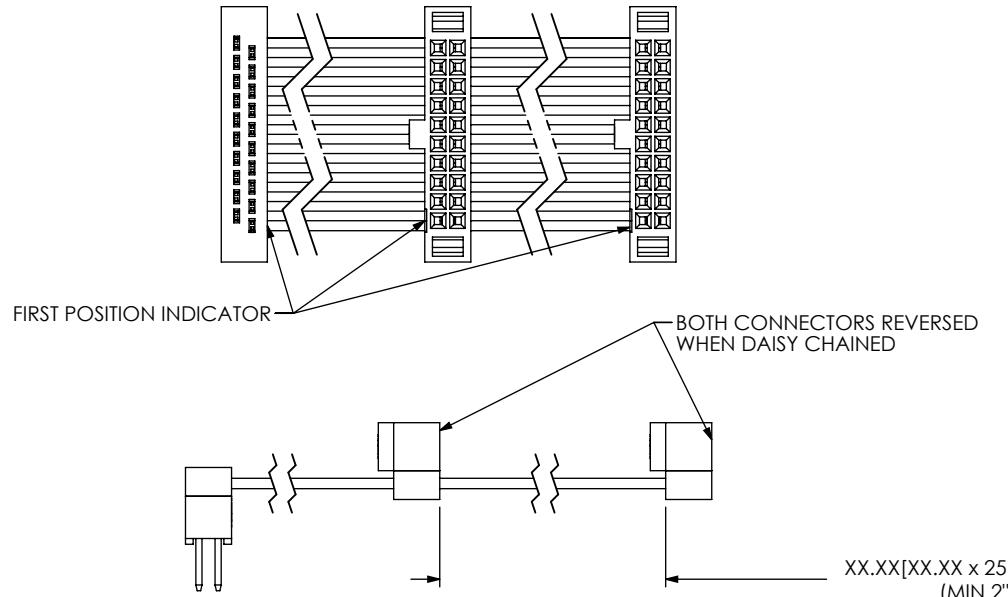
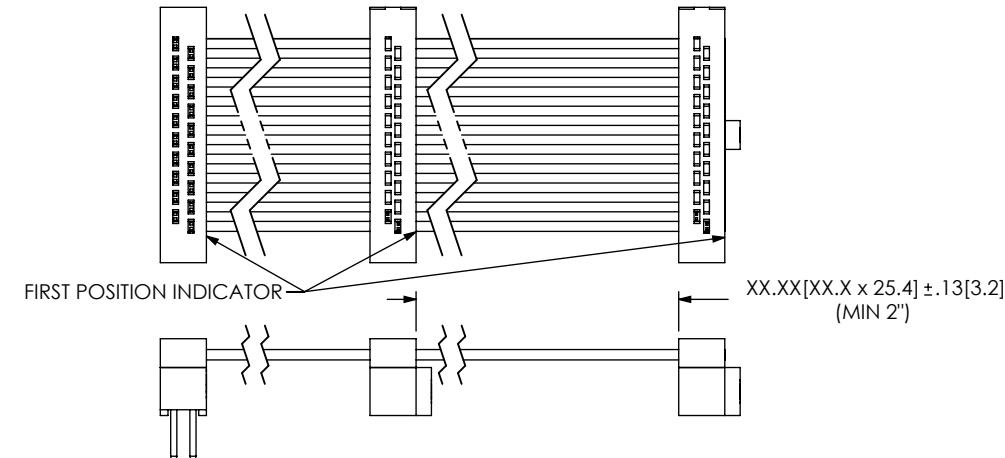


FIG 15

(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)



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BY: T NEWTON 02/15/2008 SHEET 4 OF 5

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)

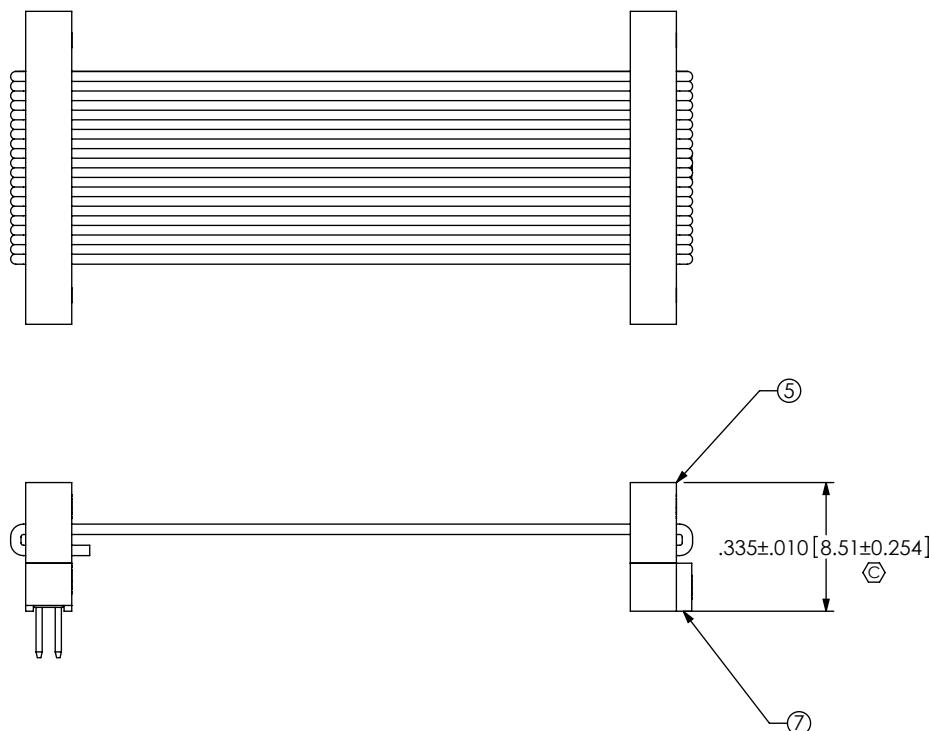
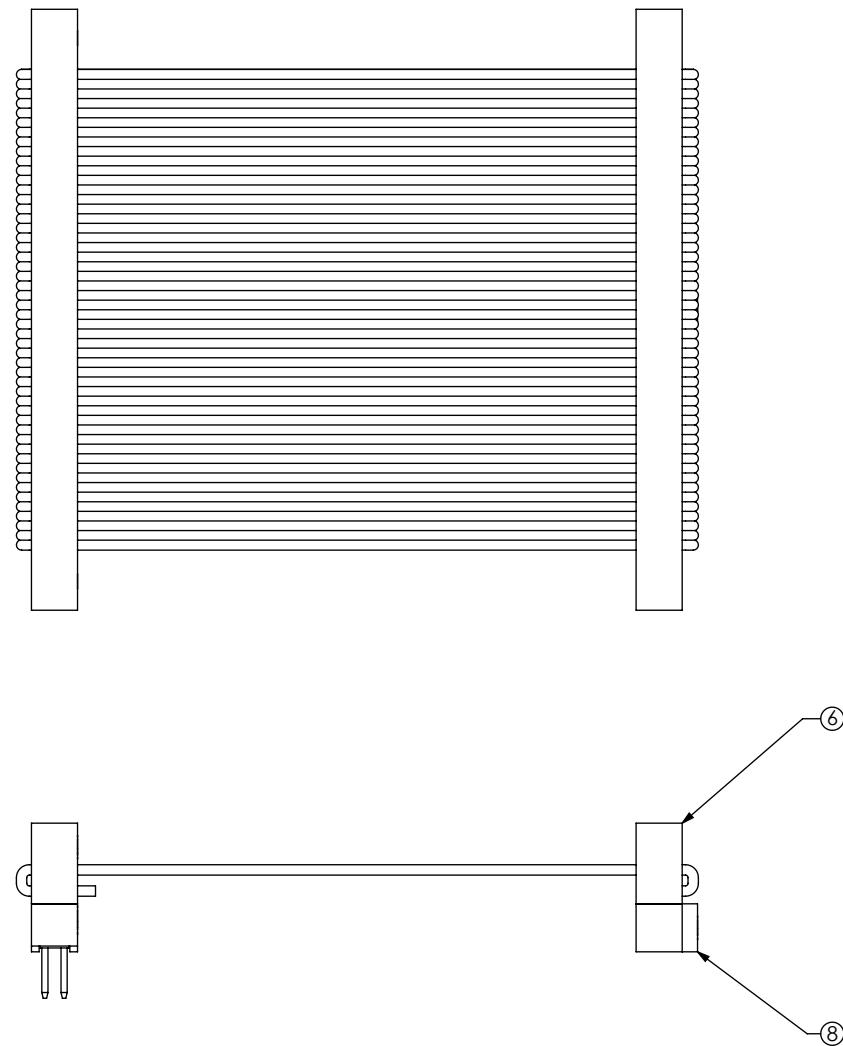


FIG 17

(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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