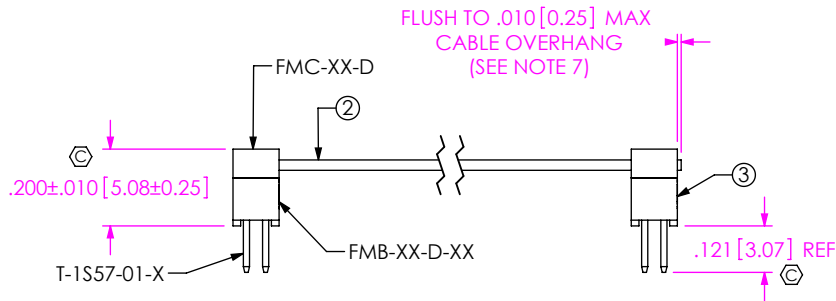
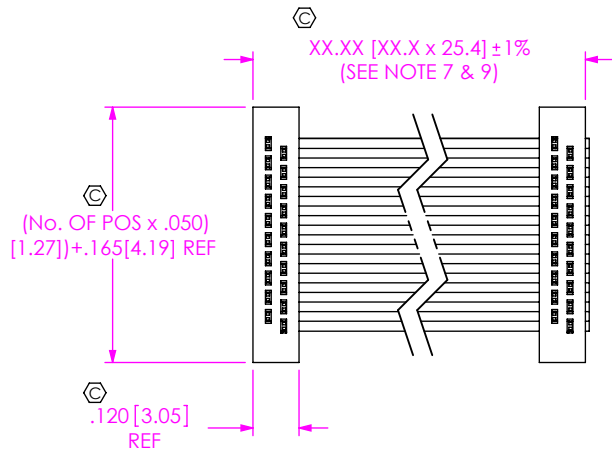


DO NOT SCALE FROM THIS PRINT

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

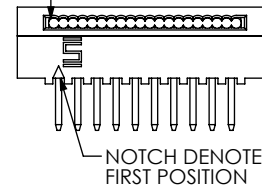
-RW: REVERSE WIRING
-BXX: BREAKOUT OPTION
-O: OUTSIDE REVERSED
-M: MIDDLE REVERSED
-R: REVERSE
-DXX: DAISY CHAIN (MINIMUM 2.00 [50.8], 1.00 [25.4] INCREMENTS)
-SR: STRAIN RELIEF (NOT AVAILABLE WITH -O, -M, -R, -DXX OR -BXX) (SOLD AS ASSEMBLIES ONLY)

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

COLORED WIRE TO SIDE OF FIRST POS INDICATOR



NOTCH DENOTES FIRST POSITION

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

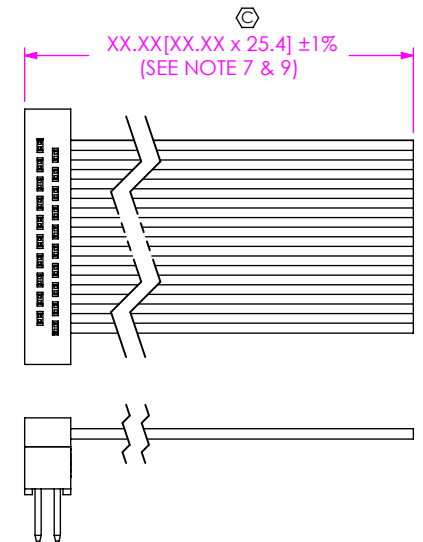


TABLE 1	
ITEM #	PART
1	FFSD-XX-XX-X-N
2	CB-XX-30-7
3	FFMD-XX-XX-X-XX
4	FFMD-XX-01-X-SR
5	FFSR-XX-01
6	FFSR-XX-02
7	FFSD-XX-XX-X-N-SR1
8	FFSD-XX-XX-X-N-SR2

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 SHEET SCALE: 2:1
INSULATOR: PBT, COLOR: BLACK
CONTACT: BeCu
TERMINAL: PHOS BRONZE
WIRE: 30 AWG, 7/38, TINNED, STRANDED WITH PVC INSULATOR



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 1 OF 5

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.

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

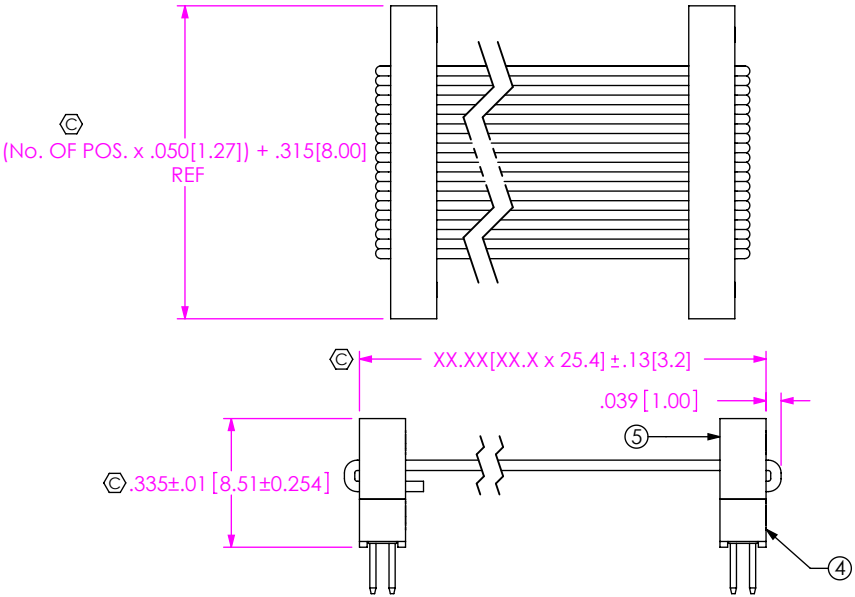


FIG 4
(FFMD-10-X-XX.XX-01-X-RW SHOWN)
(SAME AS FIG 1, DIFFERENT AS SHOWN)

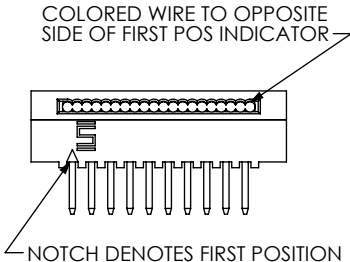


FIG 5
(FFMD-10-X-XX.XX-01-X-N SHOWN)
(SAME AS FIG 1 AND FIG 6, DIFFERENT AS SHOWN)
(FOR -T ONLY)
(IF OPTION IS SPECIFIED USE FFSD-XX-01-X-N)

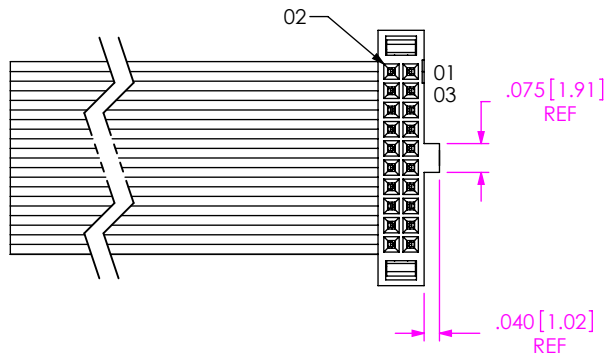


FIG 6
(FFMD-10-T-XX.XX-01-X-N SHOWN)
(SAME AS FIG 1, DIFFERENT AS SHOWN)

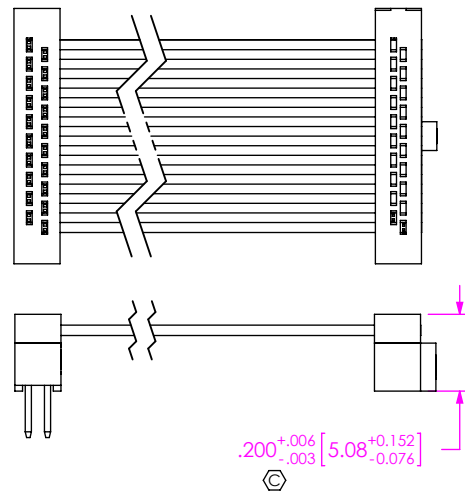
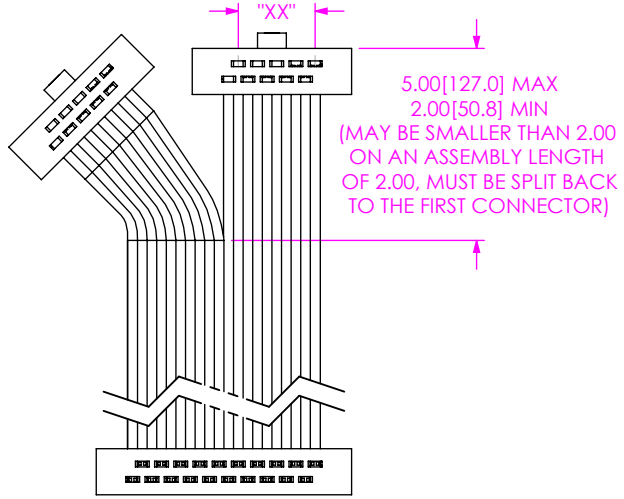
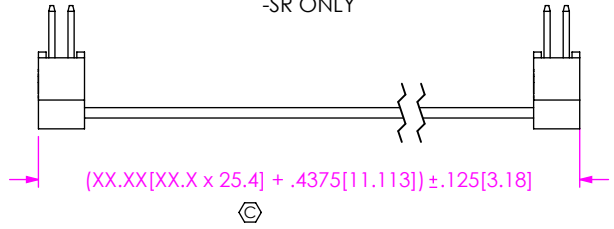


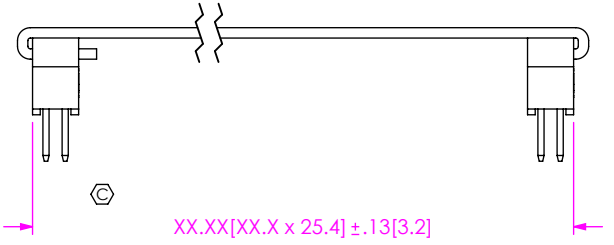
FIG 7
(FFMD-10-T-XX.XX-01-X-N-B05 SHOWN)
(SAME AS FIG 1 AND FIG 6, DIFFERENT AS SHOWN)
"XX" = NO. OF CONDUCTORS PER ROW
BROKEN OUT FROM THE FIRST POSITION



IN-PROCESS 1
-SR ONLY



IN-PROCESS 2
-SR ONLY



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

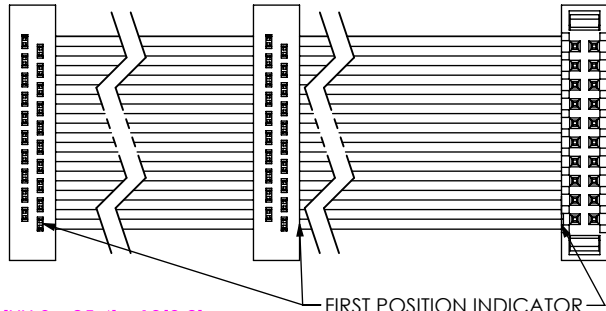
DESCRIPTION:
.050 X .050 DOUBLE ROW MALE IDC CABLE ASSEMBLY

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

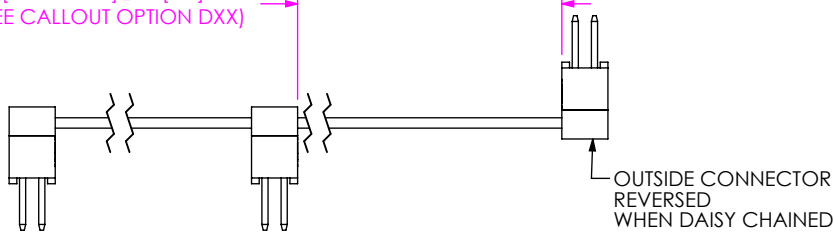
BY: T NEWTON 02/15/2008 SHEET 2 OF 5

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)



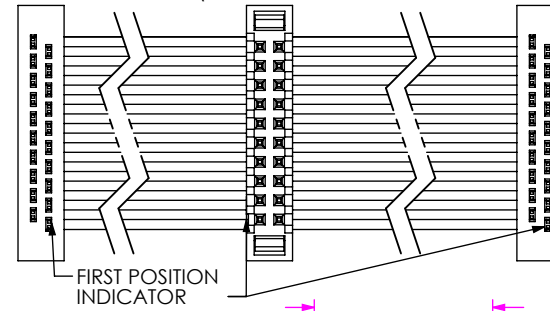
$XX.00[XX.0 \times 25.4] \pm .13[3.2]$
 (MIN 2", SEE CALLOUT OPTION DXX)



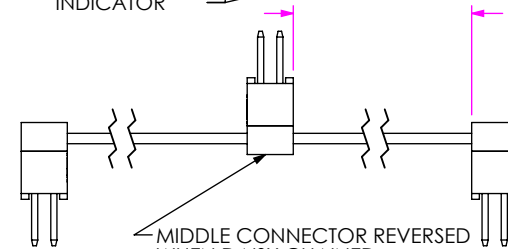
OUTSIDE CONNECTOR
 REVERSED
 WHEN DAISY CHAINED

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)



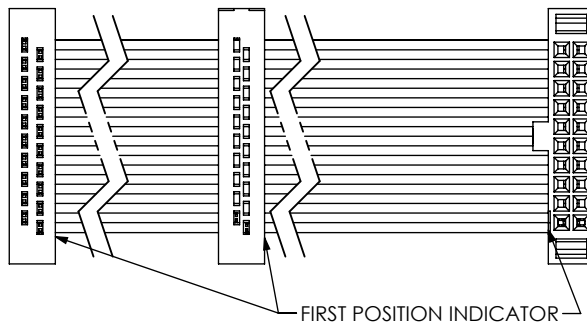
$XX.00[XX.0 \times 25.4] \pm .13[3.2]$
 (MIN 2", SEE CALLOUT OPTION DXX)



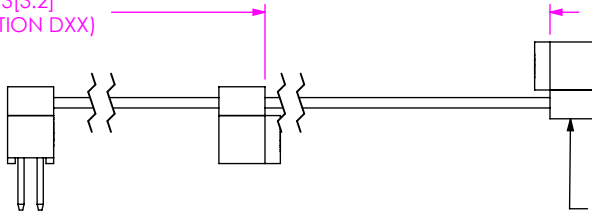
MIDDLE CONNECTOR REVERSED
 WHEN DAISY CHAINED

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)



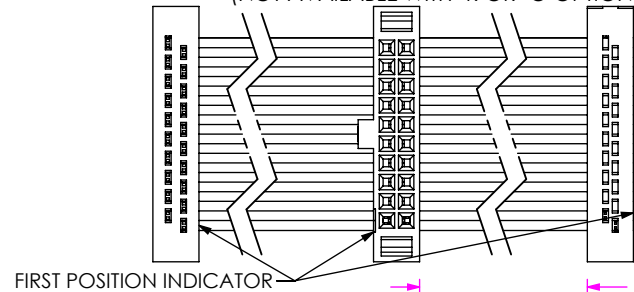
$XX.00[XX.0 \times 25.4] \pm .13[3.2]$
 (MIN 2", SEE CALLOUT OPTION DXX)



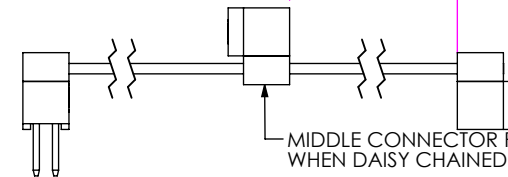
OUTSIDE CONNECTOR REVERSED
 WHEN DAISY CHAINED

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)



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



MIDDLE CONNECTOR REVERSED
 WHEN DAISY CHAINED

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

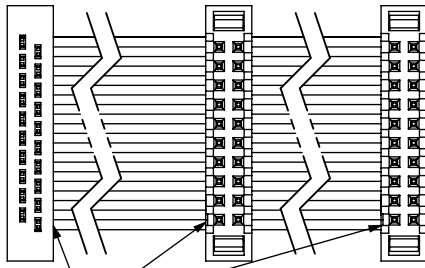
DESCRIPTION:
 .050 X .050 DOUBLE ROW MALE IDC CABLE ASSEMBLY

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

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

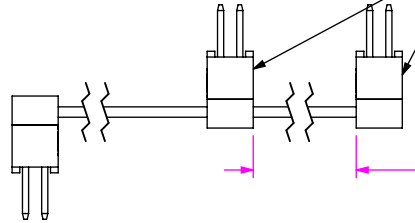
FIG 12

(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)



FIRST POSITION INDICATOR

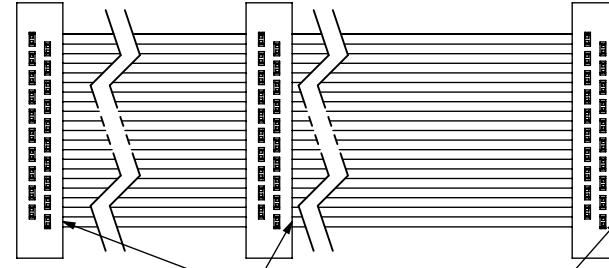
BOTH CONNECTORS REVERSED WHEN DAISY CHAINED



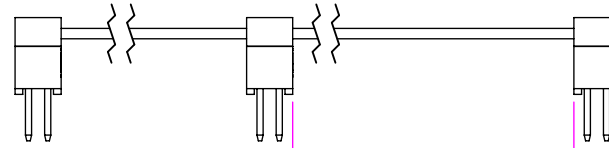
$XX.00[XX.0 \times 25.4] \pm .13[3.2]$
 (MIN 2", SEE CALLOUT OPTION DXX)

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)



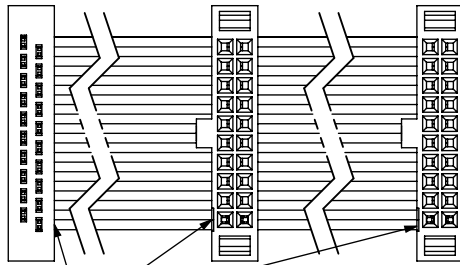
FIRST POSITION INDICATOR



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

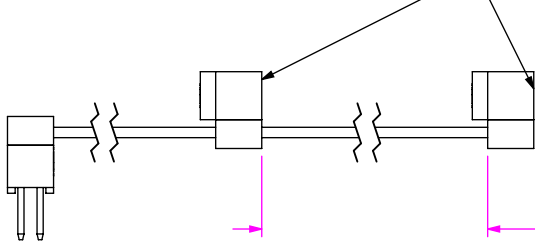
FIG 14

(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

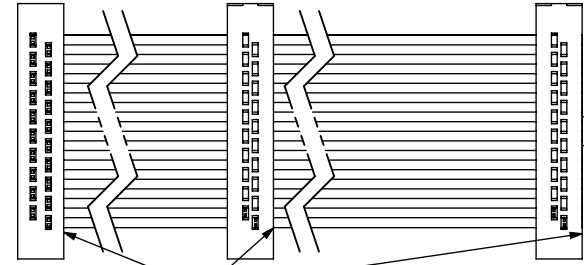
BOTH CONNECTORS REVERSED WHEN DAISY CHAINED



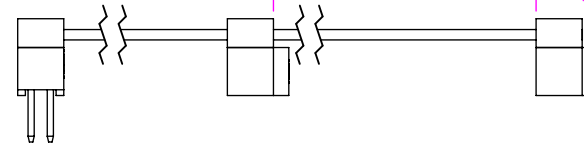
$XX.00[XX.0 \times 25.4] \pm .13[3.2]$
 (MIN 2", SEE CALLOUT OPTION DXX)

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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 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 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)

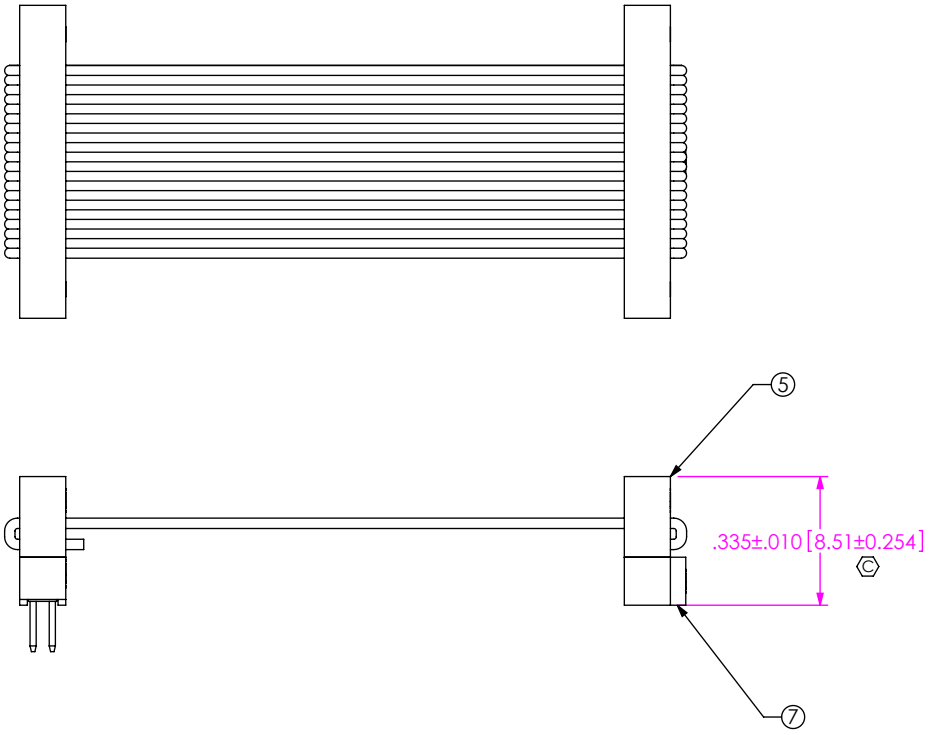
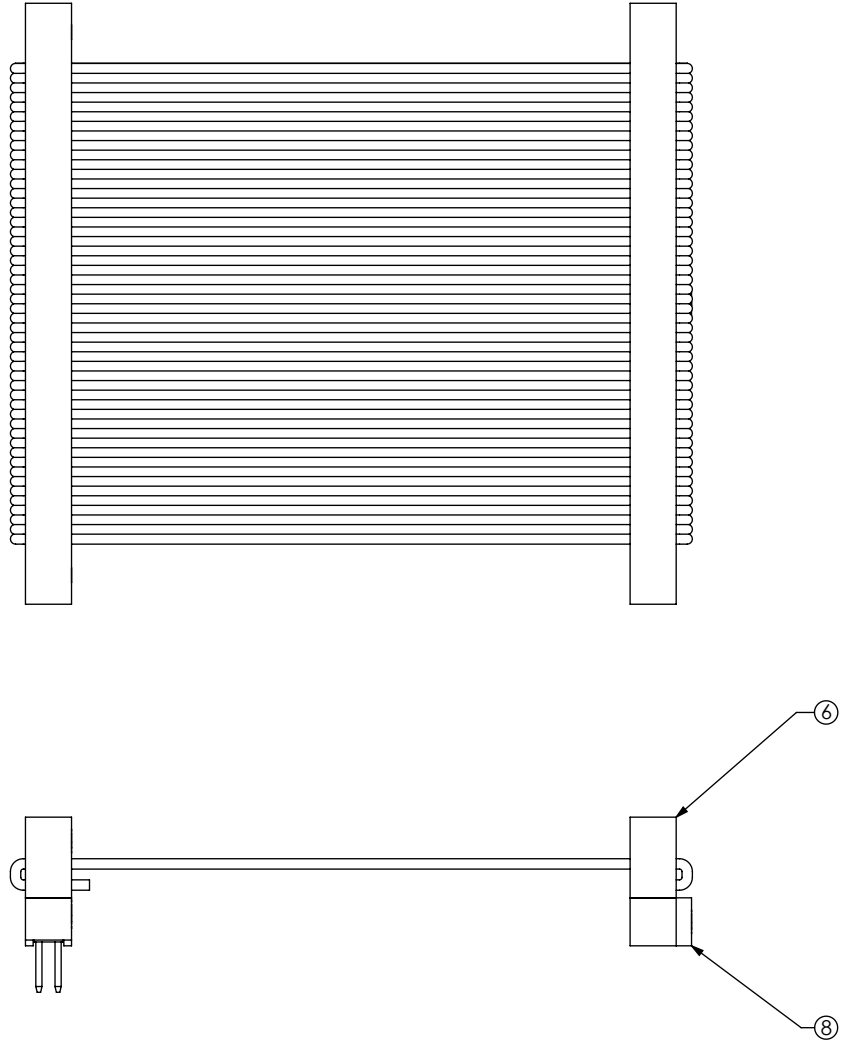


FIG 17
 (FFMD-25-T-XX.XX-01-X-N-SR SHOWN)
 (SAME AS FIG 1 AND FIG 16, DIFFERENT AS SHOWN)
 (FOR POSITIONS 16-25 ONLY)
 *NOT RELEASED FOR PRODUCTION



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 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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