

REVISION AN

DO NOT
SCALE FROM
THIS PRINT

NOTES:

1. HIDDEN LINES ARE USED TO SHOW POLARIZATION WHEN USING -N OPTION.
2. $\odot$ REPRESENTS A CRITICAL DIMENSION.
3. FFSD CABLE ASSEMBLIES ARE LEAD FREE.
4. ALL ASSEMBLIES TO BE 100% ELECTRICALLY TESTED FOR SHORTS AND OPENS.
5. ALL ASSEMBLIES TO BE 100% HI-POT TESTED AT 630V. $\odot$
6. STRAIN RELIEF TO WITHSTAND 5LB[22N] STRAIGHT PULL.
7. NOTE DELETED.
8. 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.
9. REFERENCE FFSD-XX-XX-X-N-XXX FOR CONNECTOR ASSEMBLY DIMENSIONS AND ITS REQUIREMENTS.
10. COLORED WIRE MUST MATCH FIRST POSITION INDICATOR ON THE FIRST CONNECTOR FOR ALL OPTIONS WITH THE EXCEPTION OF -RW.
11. FOR LENGTHS LESS THAN 12.5", TOLERANCE SHALL BE +/- .125, ALL OTHER LENGTHS SHALL BE +/- 1%.

FFSD-XX-X-XX.XX-01-X-X-XXX

NO OF POSITIONS
-02 THRU -25
(PER ROW)

END ASSEMBLY
-S: SINGLE END
-D: DOUBLE END

ASSEMBLY LENGTH

-D"XX", -R, -M & -O OPTION: 2.00[50.8] MINIMUM
ALL OTHER OPTION: 1.00[25.4] MINIMUM

LEAD STYLE

PLATING OPTIONS

- LEAVE BLANK FOR STANDARD, USE C-67-L
-S: USE C-67-S
-F: USE C-67-F

OPTION

-RW: REVERSE WIRING
(NOT AVAILABLE WITH -RN1 OR -RN2)
-D"XX": DAISY CHAIN (MINIMUM 2.00[50.8],
1.00[25.4] INCREMENTS)
-R: REVERSED
(NOT AVAILABLE WITH -M OR -O)
(MINIMUM 2.00[50.8], 1.00[25.4] INCREMENTS)
-RN1: REVERSE POLARIZATION NOTCH
(NOT AVAILABLE WITH -RW OR -RN2)
-RN2: REVERSE POLARIZATION NOTCH
(NOT AVAILABLE WITH -RW OR -RN1)
-M: MIDDLE REVERSE
(NOT AVAILABLE WITH -R OR -O)
(MINIMUM 2.00[50.8], 1.00[25.4] INCREMENTS)
-O: OUTSIDE REVERSE
(NOT AVAILABLE WITH -R OR -M)
(MINIMUM 2.00[50.8], 1.00[25.4] INCREMENTS)
-SR: STRAIN RELIEF
(NOT AVAILABLE WITH -O, -M,
-R, OR -DXX)
(SOLD AS ASSEMBLIES ONLY)

STANDARD POLARIZATION NOTCH

-N: POLARIZATION NOTCH
(NOT AVAILABLE IN -02 THRU -04)
(LEAVE BLANK FOR -02, -03, -04)

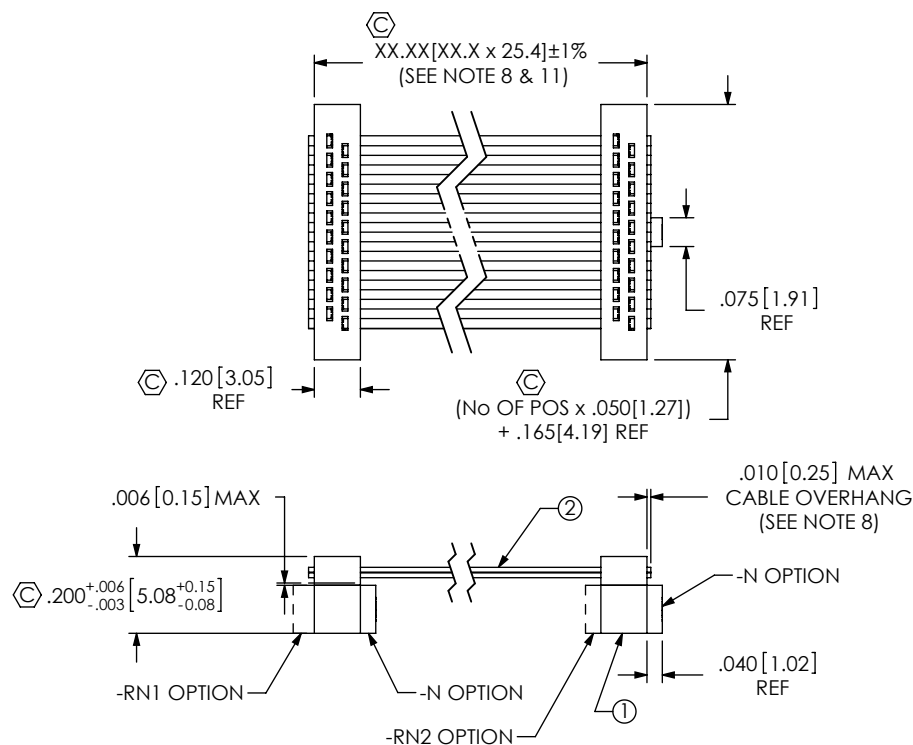


FIG 1
(FFSD-10-D-XX.XX-01-X-N SHOWN)

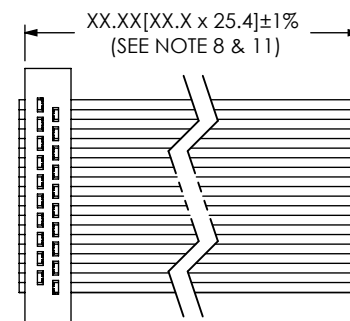
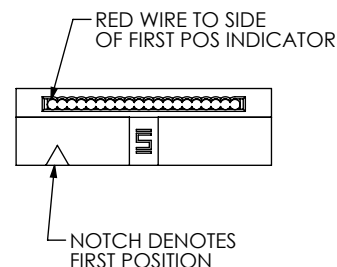


FIG 2
(FFSD-10-S-XX.XX-01-X-N SHOWN)
(SAME AS FIG 1, DIFFERENT AS SHOWN)

RED WIRE TO OPPOSITE
SIDE OF FIRST POS. INDICATOR

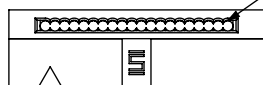


FIG 11
(FFSD-10-X-XX.XX-01-X-N-RW SHOWN)

TABLE 1	
ITEM #	PART
1	FFSD-XX-01-X-N-XX
2	CB-XX-30-7/38-025-GR
3	FFSD-XX-01-X-N-SR1
4	FFSR-XX-01
5	FFSD-XX-01-X-N-SR2
6	FFSR-XX-02

F:\DWG\MISC\MKTG\FFSD-XX-X-XX.XX-01-X-X-XXX-MKT.SLDDRW

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
INSULATORS: PBT UL94V-0, COLOR: BLACK
CONTACT: BeCu
WIRE: 30 AWG, 7/38, TINNED, STRANDED WITH
GRAY PVC INSULATOR
PLATING: .000010 GOLD OVER .000050 NICKEL
REMAINDER: .000200 REF TIN OVER .000050 NICKEL

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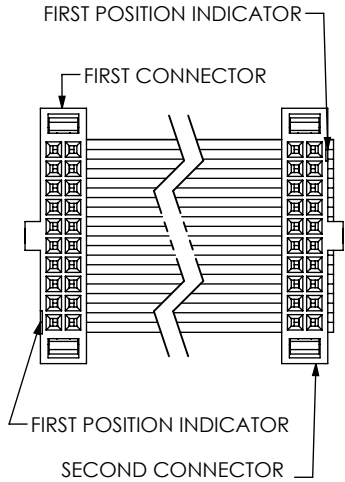
DESCRIPTION: .050 x .050 DOUBLE ROW FEMALE IDC ASSEMBLY

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

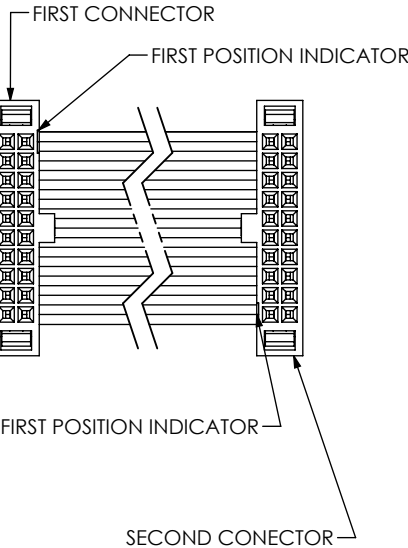
BY: T NEWTON 02/15/2008 SHEET 1 OF 4

FIG 3

(FFSD-10-D-XX.XX-01-X-N-RN1 SHOWN)
(SAME AS FIG 1, DIFFERENT AS SHOWN)



(FFSD-10-D-XX.XX-01-X-N-RN2 SHOWN)
(SAME AS FIG 1, DIFFERENT AS SHOWN)



NOTE:
-RN1 = REVERSE NOTCH ON 1ST CONNECTOR ONLY
(NOT AVAILABLE WITH -R OPTION)
-RN2 = REVERSE NOTCH ON 2ND CONNECTOR ONLY
(NOT AVAILABLE WITH -R OPTION)

(REVERSE NOTCH NOT AVAILABLE WITH -RW OR ANY
DAISY CHAIN OPTIONS)

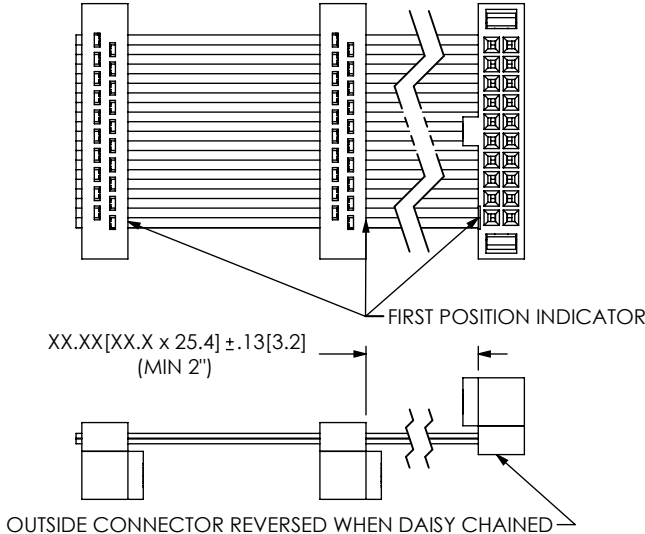


FIG 4

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

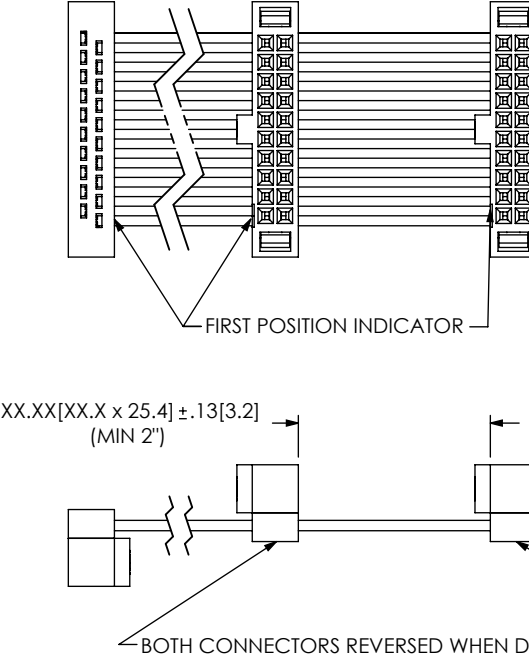


FIG 6

(FFSD-10-D-XX.XX-01-X-N-DXX-R SHOWN)
(SAME AS FIG 1, DIFFERENT AS SHOWN)
(NOT AVAILABLE WITH -RN1 OR -RN2 OPTION)
(2.00[50.8] MINIMUM, 1.00[25.4] INCREMENTS)

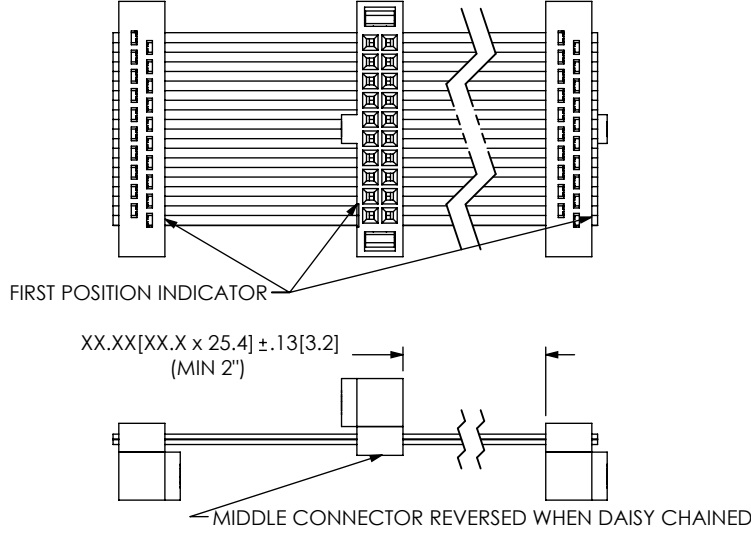


FIG 5

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

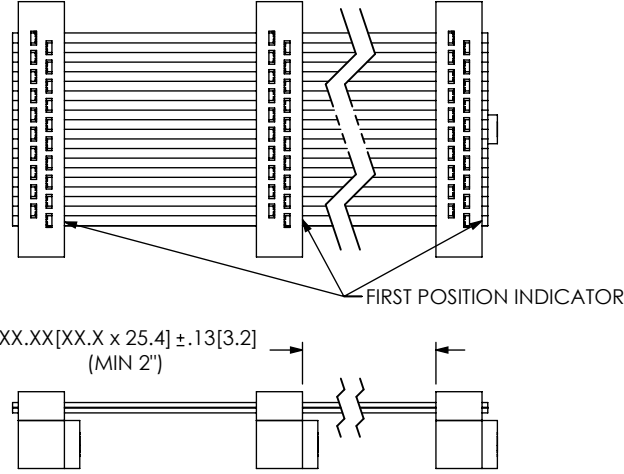


FIG 7

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

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e-Mail: info@SAMTEC.com code 55322

DESCRIPTION:
.050 x .050 DOUBLE ROW FEMALE IDC ASSEMBLY

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

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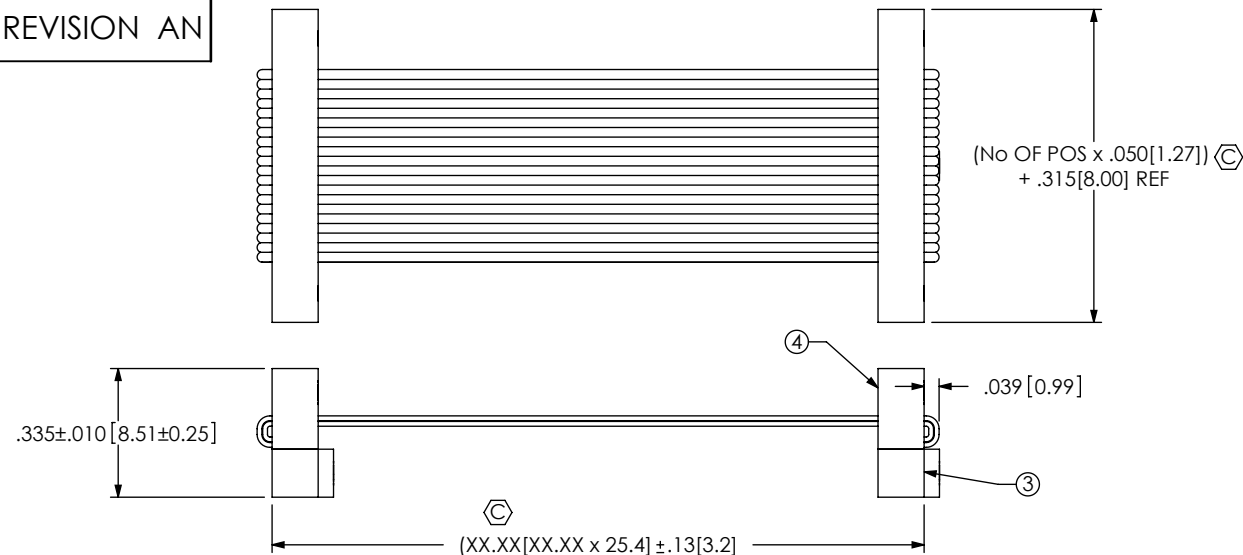


FIG 9
STRAIN RELIEF OPTION (POS 2-15 ONLY)
(FFSD-10-D-XX.XX-01-X-N-SR SHOWN)
(SAME AS FIG 1, DIFFERENT AS SHOWN)

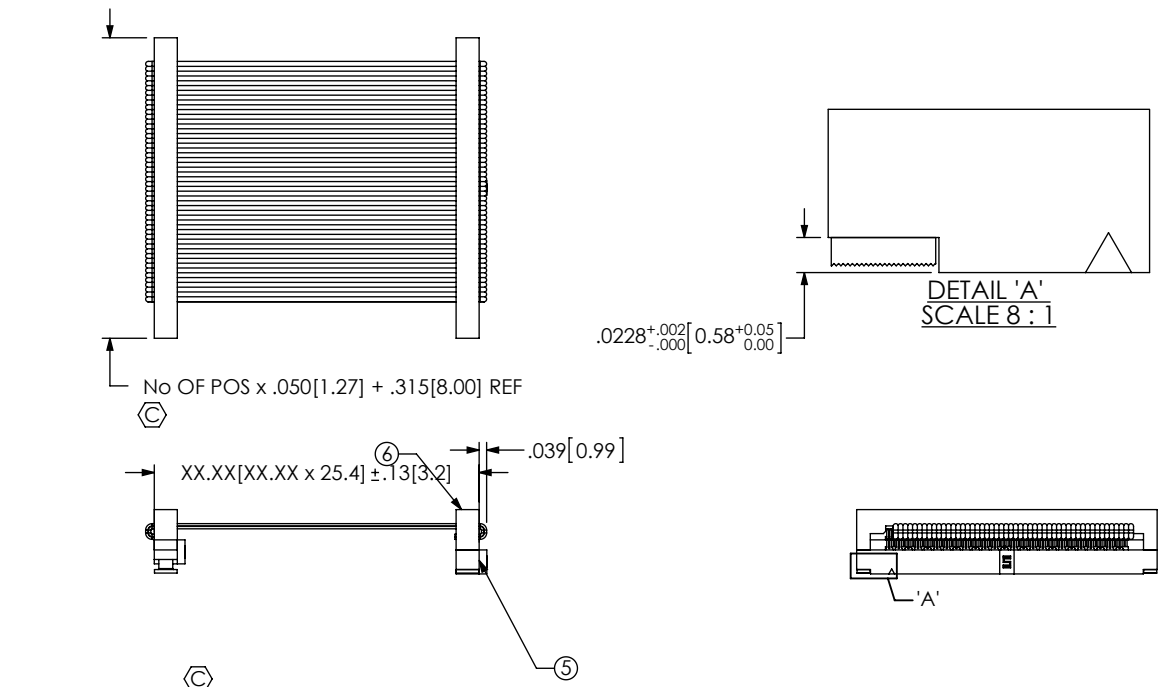
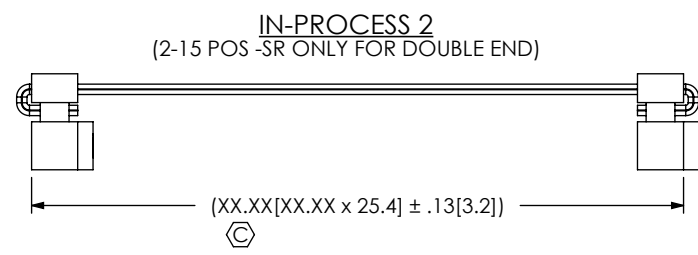
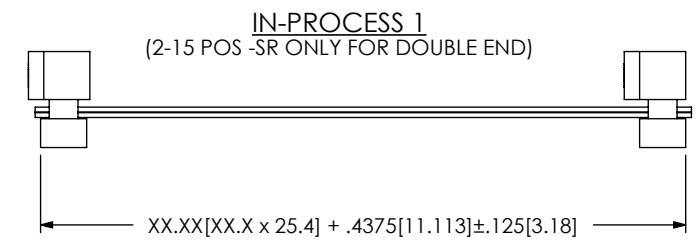
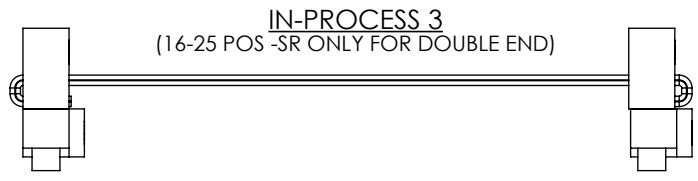
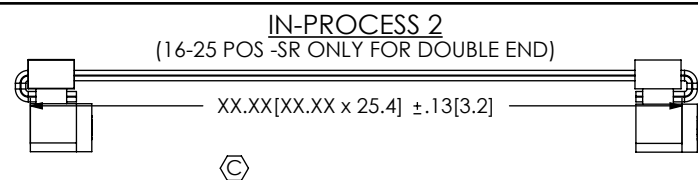
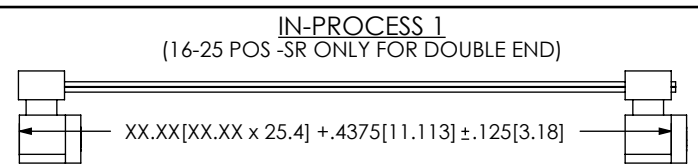


FIG 10
STRAIN RELIEF OPTION (POS 16-25 ONLY)
(FFSD-25-D-XX.XX-01-X-N-SR SHOWN)
(SAME AS FIG 2, DIFFERENT AS SHOWN)
SCALE 1 : 1



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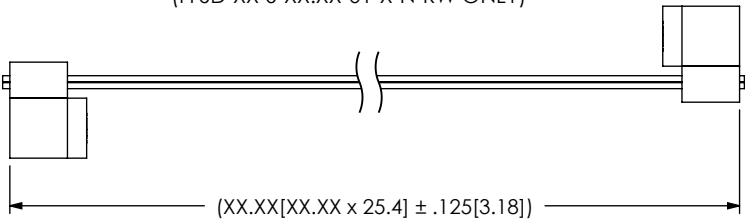
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.050 x .050 DOUBLE ROW FEMALE IDC ASSEMBLY

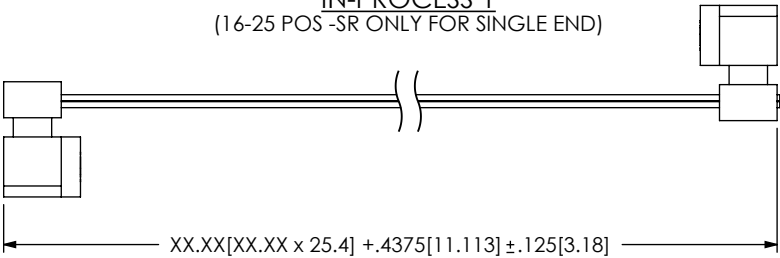
DWG. NO.
FFSD-XX-X-XX.XX-01-X-X-XXX

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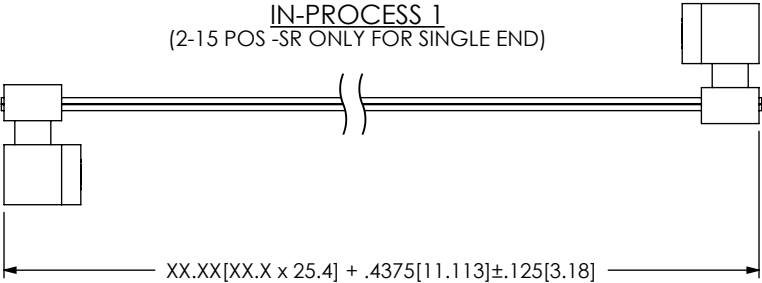
IN-PROCESS 1
(FFSD-XX-S-XX.XX-01-X-N-RW ONLY)



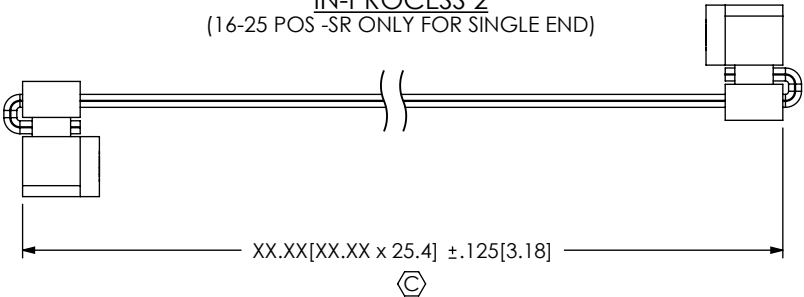
IN-PROCESS 1
(16-25 POS -SR ONLY FOR SINGLE END)



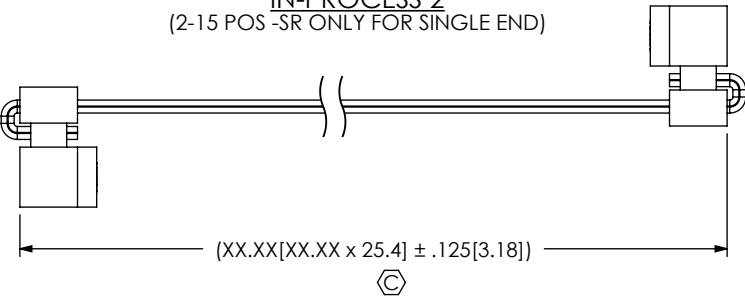
IN-PROCESS 1
(2-15 POS -SR ONLY FOR SINGLE END)



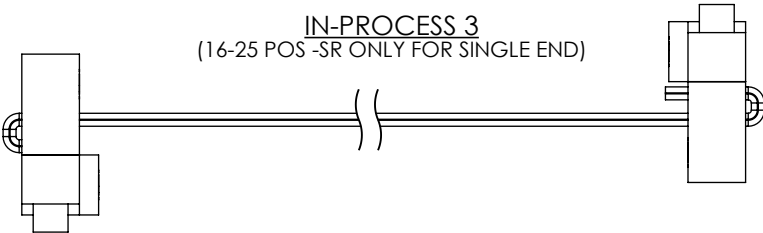
IN-PROCESS 2
(16-25 POS -SR ONLY FOR SINGLE END)



IN-PROCESS 2
(2-15 POS -SR ONLY FOR SINGLE END)



IN-PROCESS 3
(16-25 POS -SR ONLY FOR SINGLE END)



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