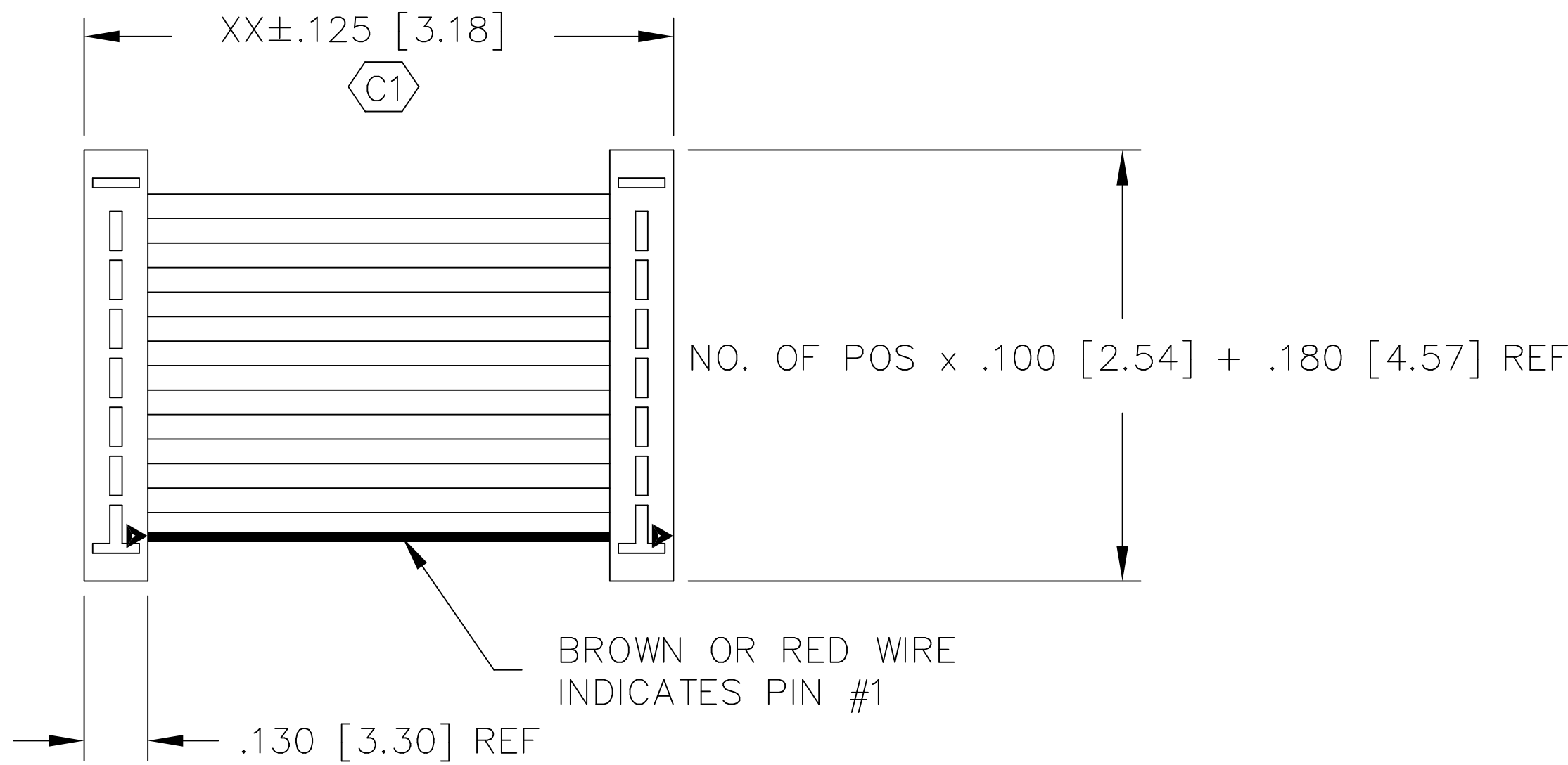


DO NOT  
SCALE FROM  
THIS PRINT

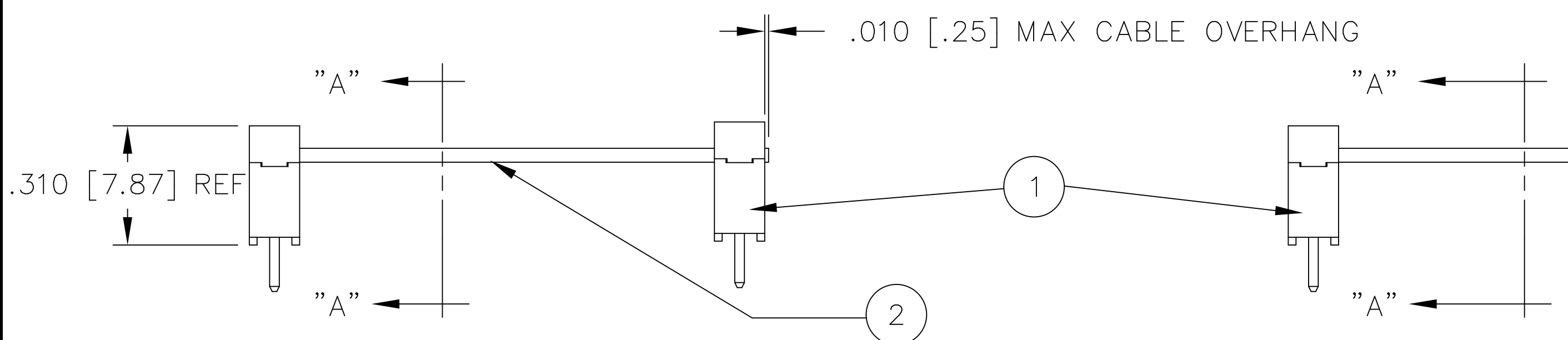
| DIMENSIONS ARE IN INCHES |                             | TOLERANCES ARE: |  | TITLE:                                                | DWG NO:                 |
|--------------------------|-----------------------------|-----------------|--|-------------------------------------------------------|-------------------------|
| ONE PLACE DECIMALS ±.1   | THREE PLACE DECIMALS ± .005 | ANGLES<br>± 1°  |  | .100 C.L MOLD TO POS.<br>SINGLE ROW, MALE<br>ASSEMBLY | HCMS-XX-X-XX-XX-XXX-XXX |
| TWO PLACE DECIMALS ±.01  | FOUR PLACE DECIMALS ± .0020 |                 |  |                                                       | SHEET 1 OF 1            |

-D (DOUBLE END)

FIG 1

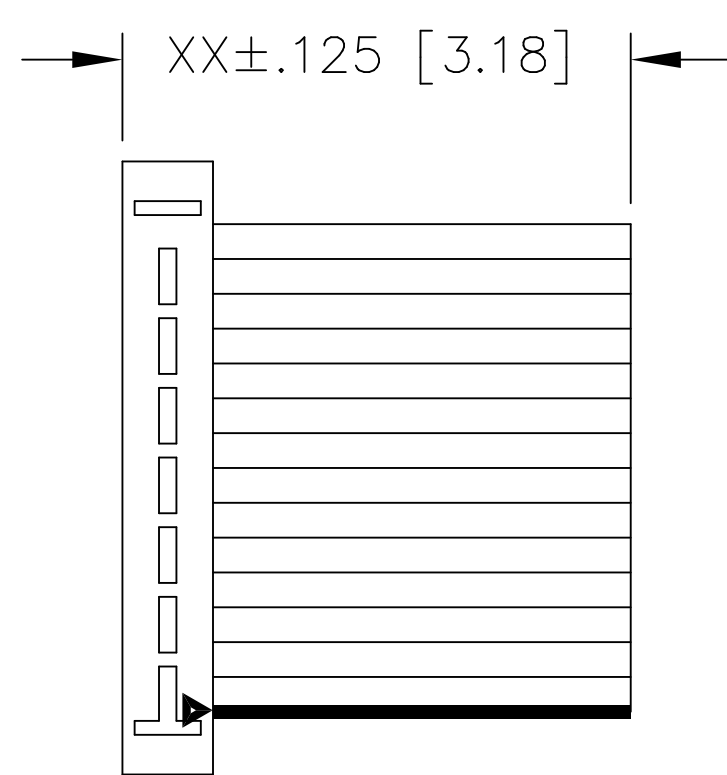


**(C2)** NOTE:  
SUB-ASSEMBLY 1 OR 3 TO BE PRESSED TOGETHER  
WITH NO GAPS BETWEEN CABLE & BODIES.



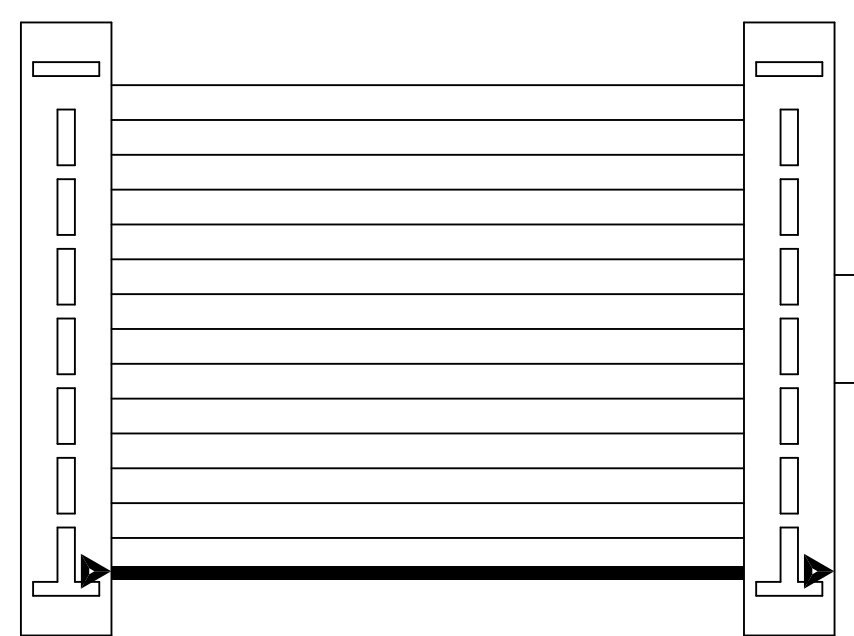
-S (SINGLE END)

SAME AS FIG. 1 UNLESS  
OTHERWISE SHOWN



-T (TRANSFER END)

SEE NOTE 2  
SAME AS FIG. 1 UNLESS  
OTHERWISE SHOWN



HCMS-XX-X-XX-XX-XXX-XXX

NO. OF POSITIONS  
02 - 36

OPTION # 2  
(SEE OPTIONS BELOW)

OPTION # 1  
(SEE OPTIONS BELOW)

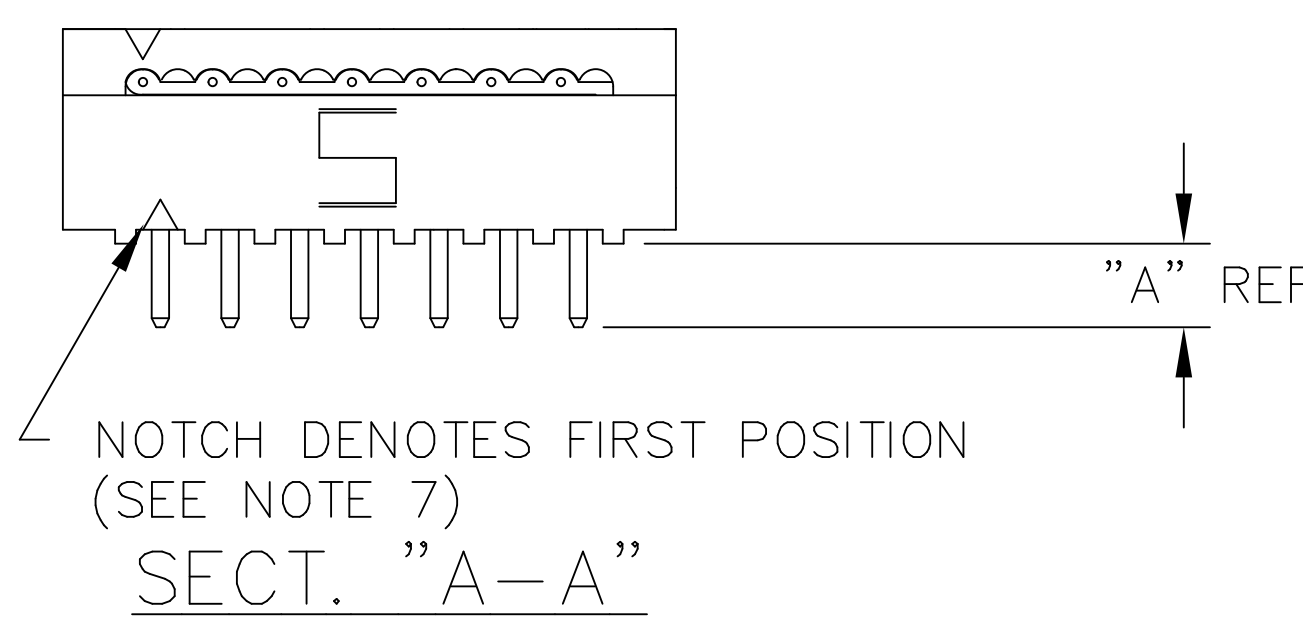
END ASSEMBLY  
-S: SINGLE END  
-D: DOUBLE END  
-T: TRANSFER END

LEAD STYLE  
-01: (SEE TABLE 1)  
-02: (SEE TABLE 1)

ASSEMBLED LENGTH  
(2 INCH MINIMUM)

| TABLE 1    |             |              |                     |                 |
|------------|-------------|--------------|---------------------|-----------------|
| LEAD STYLE | "A"         | 1            | 2                   | 3 (-T END ONLY) |
| -01        | .120 [3.05] | HCMS-XX-01-X | CB-XX-28-7/36-100-C | HCSS-XX-01-X    |
| -02        | .230 [5.84] | HCMS-XX-02-X | CB-XX-28-7/36-100-C | HCSS-XX-01-X    |

SPECIFY NO. OF POS. IN PART CALLOUT -XX



NOTES:

- IF OPTION IS SPECIFIED WITH -T END ASSEMBLY, SUB-ASSEMBLIES B & C WILL BE HCSS-XX-01-X.
- HIDDEN LINES ARE USED TO SHOW POLARIZATION WHEN USING -T OPTION.
- (C)** REPRESENTS CRITICAL DIMENSION FOR STATISTICAL PROCESS CONTROL.
- ALL ASSEMBLIES TO BE 100% ELECTRICALLY TESTED FOR SHORTS AND OPENS.
- ALL ASSEMBLIES TO BE 100% HI-POT TESTED AT 1000V.
- WIRE: 28 AWG, 7/36, TINNED, STRANDED WITH PVC INSULATOR
- FOR -R OR -RW OPTION, CABLE RIB ORIENTATION CAN BE EITHER TOWARDS OR AWAY FROM THE CAP.
- 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.

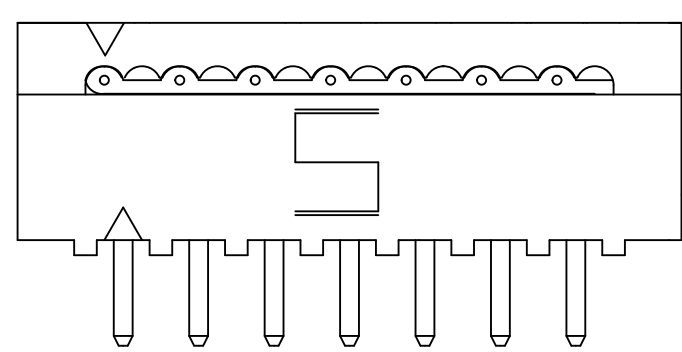
## PLATING

- T** = .000150 BRIGHT ACID TIN ON ENTIRE CONTACT. (USED ONLY WITH FEMALE STRIP OF A -T END OPTION - USE HCSS-XX-01-TX.)
- S** = .000010 Au. ON TAIL AREA WITH THE BALANCE OF .000150 BRIGHT ACID TIN - USE HCMS-XX-XX-S. (DO NOT USE WITH HCSS-XX-01-T-X.)

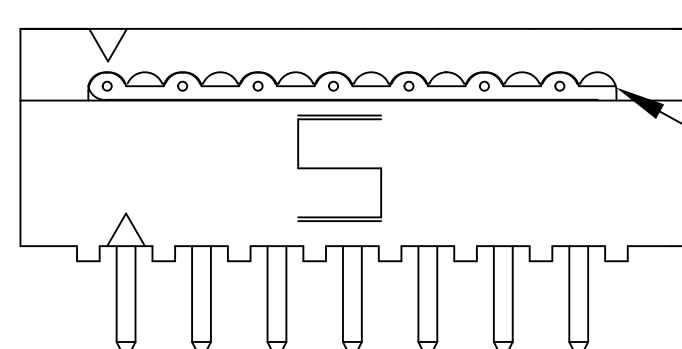
(STANDARD PLATING IS .000150 BRIGHT ACID TIN OVER ENTIRE TERMINAL - USE HCMS-XX-XX-T. FOR A -T OPTION, STANDARD PLATING FOR THE FEMALE END IS .000150 BRIGHT ACID TIN, EXCEPT CONTACT AREA IS .000010 Au. - USE HCSS-XX-01-SX.)

-G  
GRAY CABLE

SUBSTITUTE GRAY CABLE FOR  
STANDARD COLOR CODED CABLE  
USE: CB-XX-28-7/36-100-G



-RW  
REVERSE WIRING



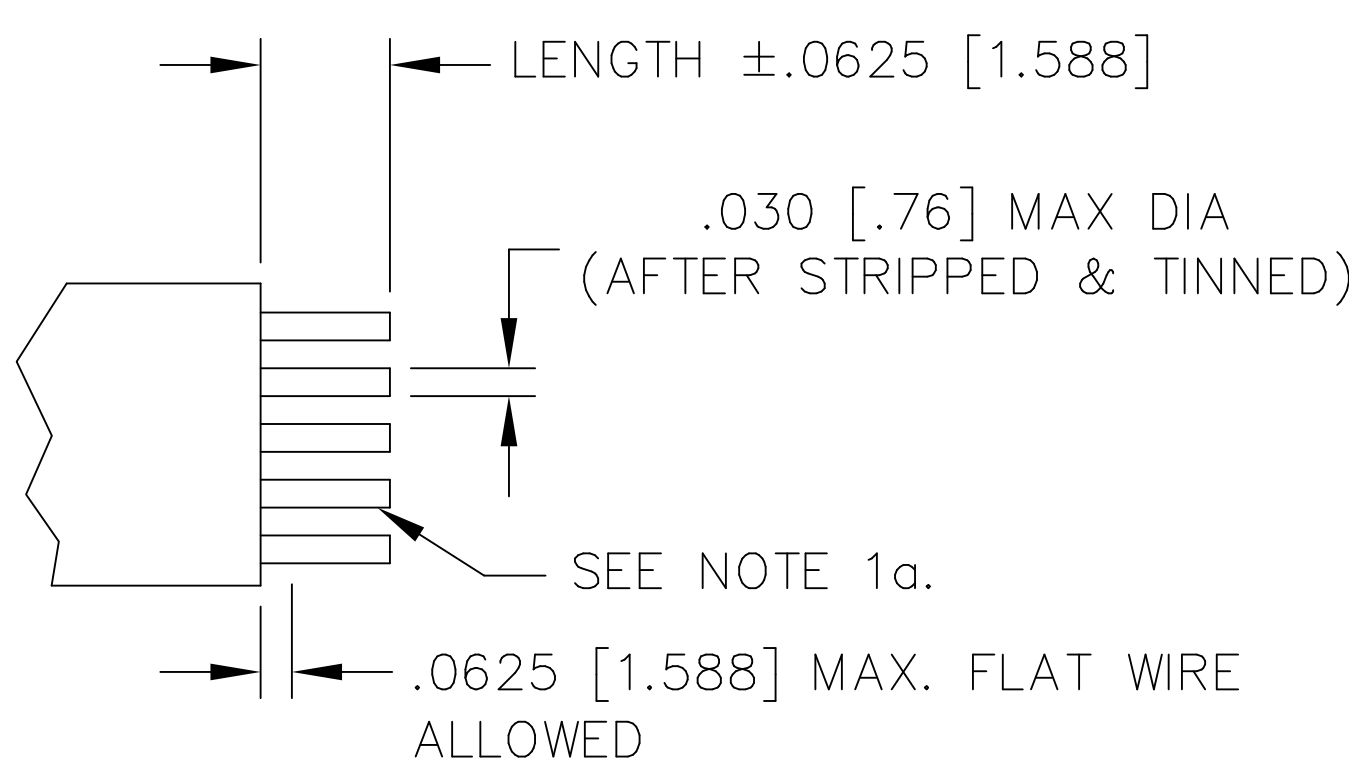
RED OR BROWN WIRE  
TO OPPOSITE SIDE OF  
FIRST POS. INDICATOR

SECT. "A-A"

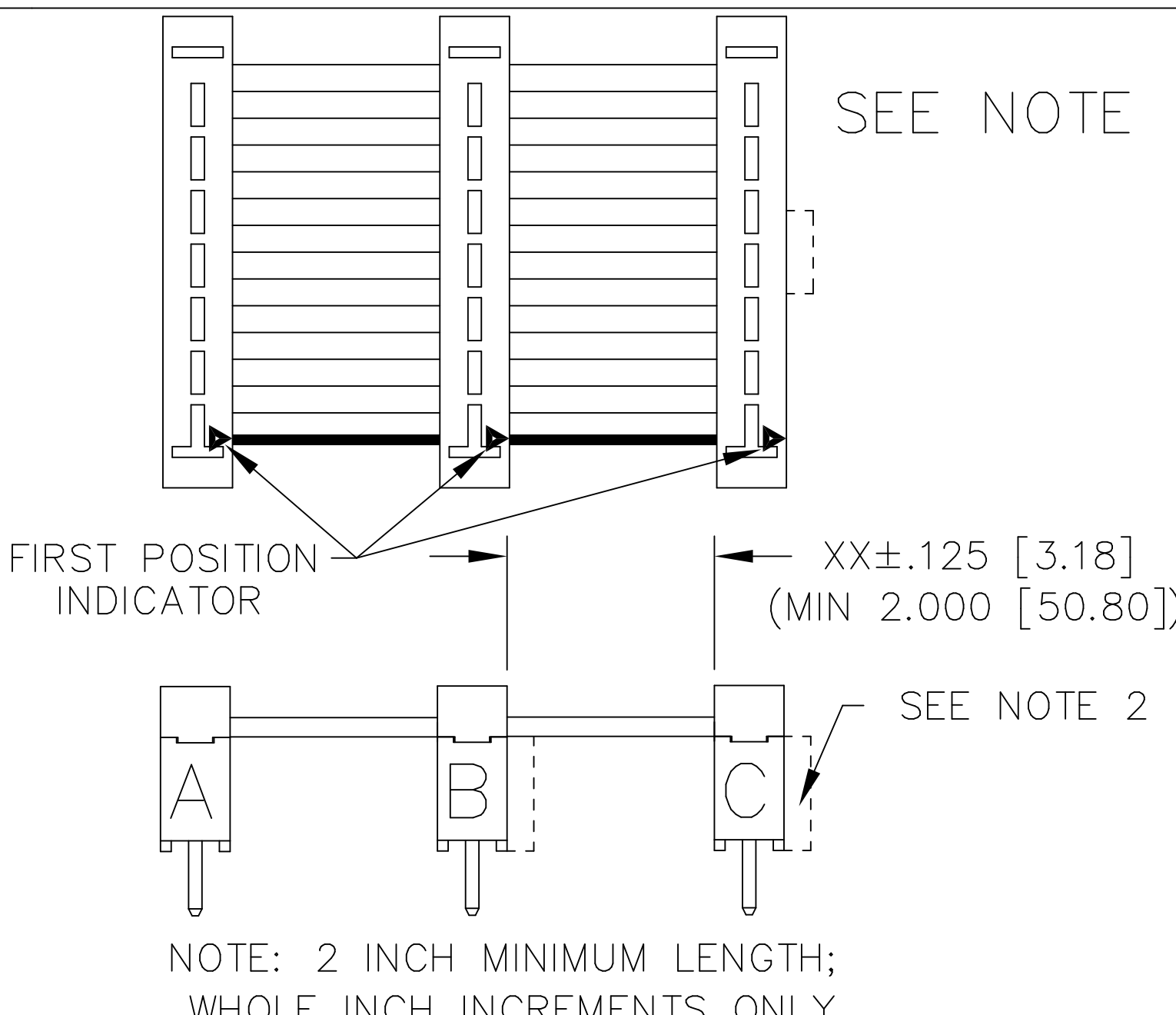
-ST"X"  
STRIPPED & TINNED

| "X" | LENGTH       |
|-----|--------------|
| 8   | .125 [3.18]  |
| 4   | .250 [6.35]  |
| 3   | .375 [9.53]  |
| 2   | .500 [12.70] |

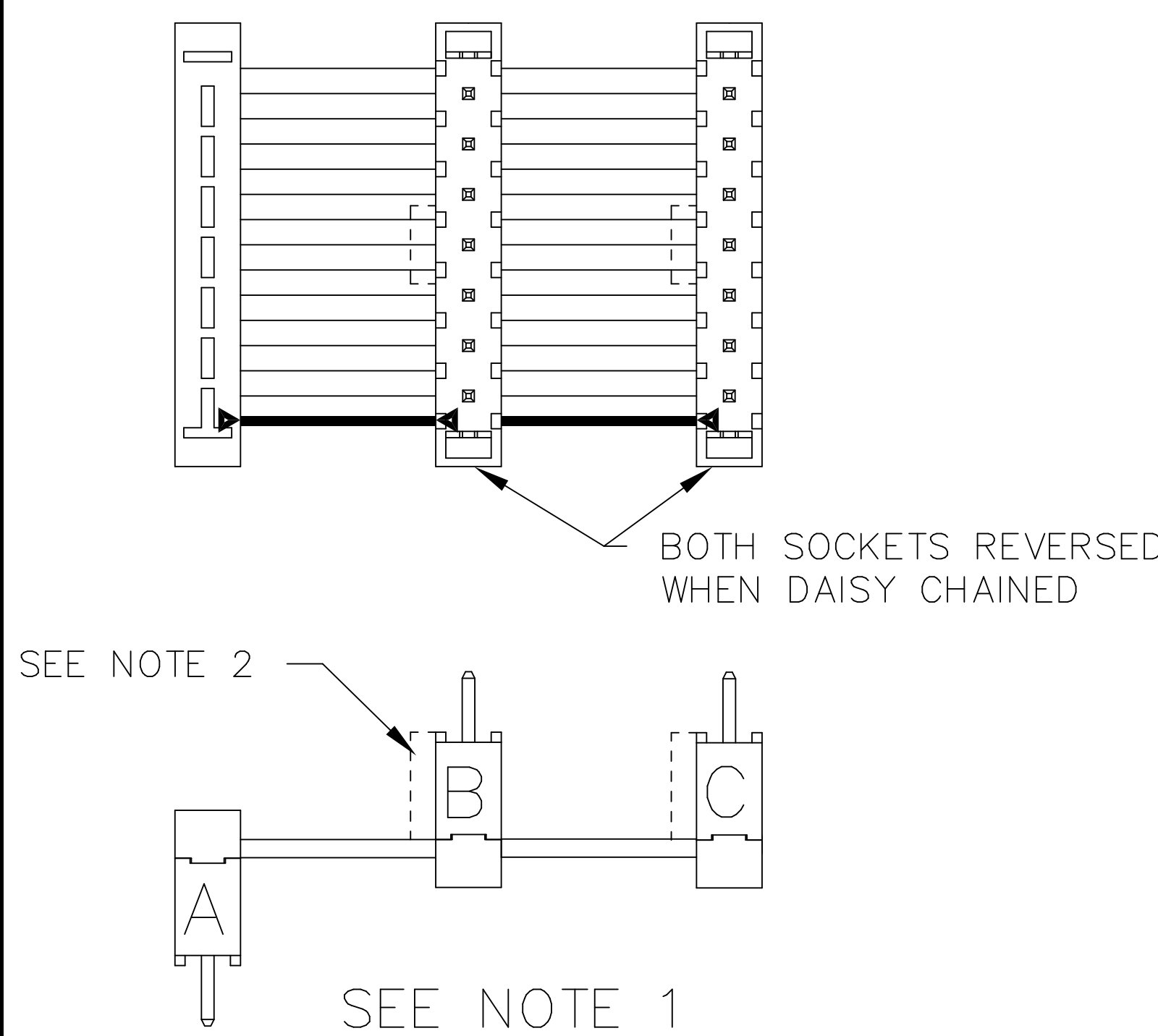
NOTE:  
1a. CONDUCTORS SHALL BE CONSISTENT  
IN APPEARANCE. SOLDER MUST MAINTAIN  
CABLE STRANDS WITHIN THE MAX DIA.  
TOLERANCE.  
2a. USE 60/40 TIN/LEAD SOLDER ONLY.  
3a. NOT AVAILABLE IN 28 POSITIONS AND UP.



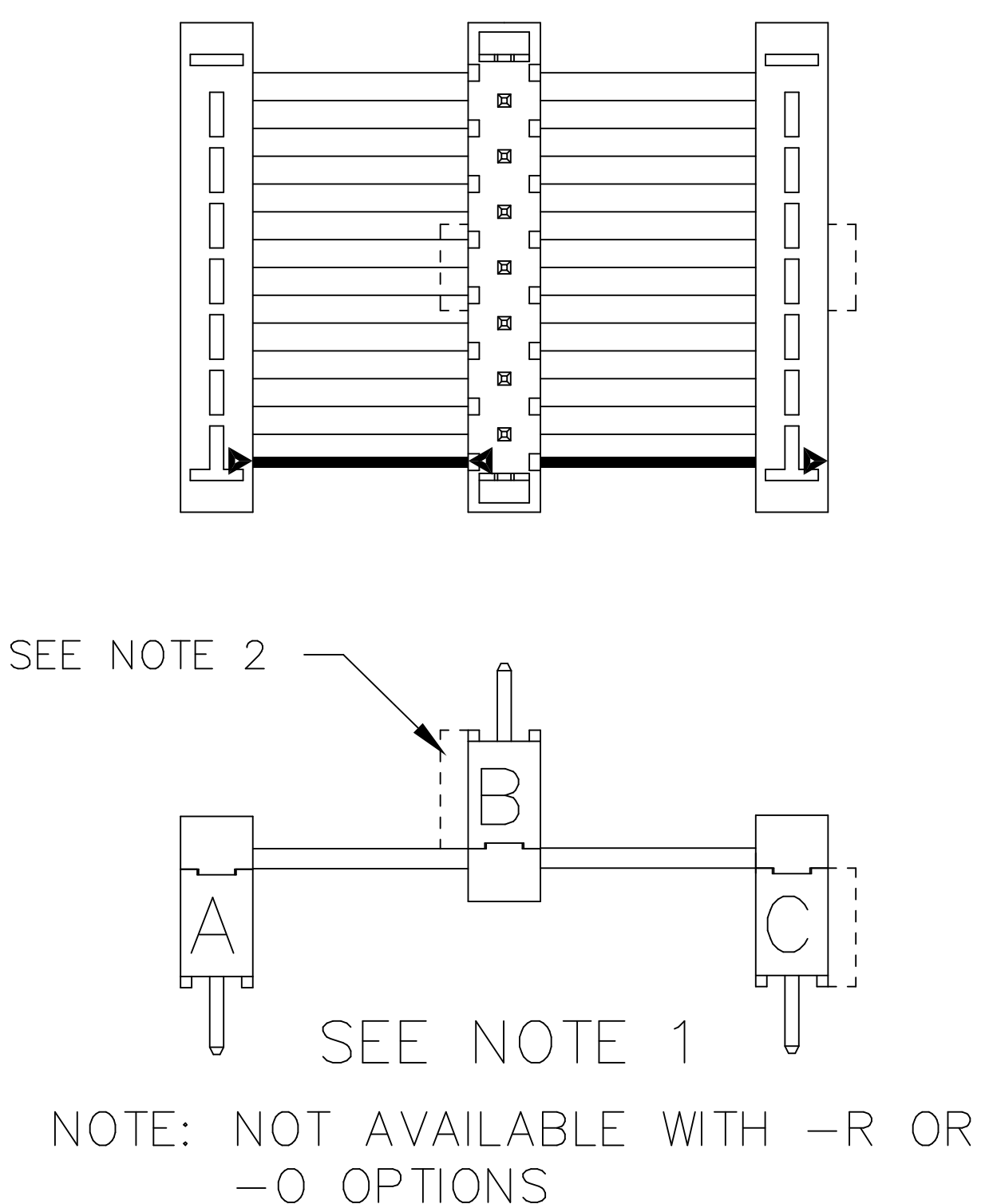
-SXX  
DAISY CHAIN- SINGLE



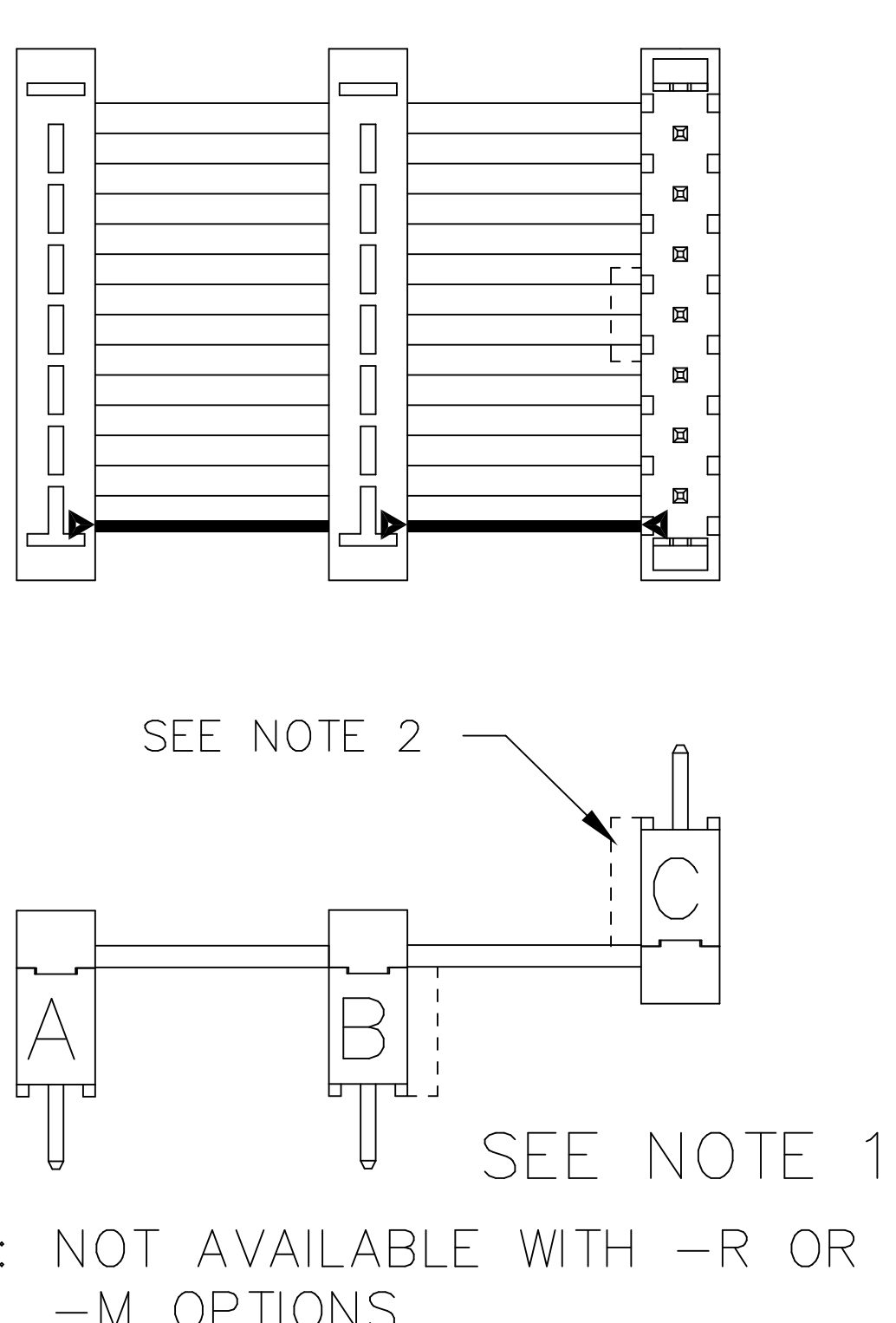
-R  
REVERSED CONNECTOR



-M  
MIDDLE REVERSED

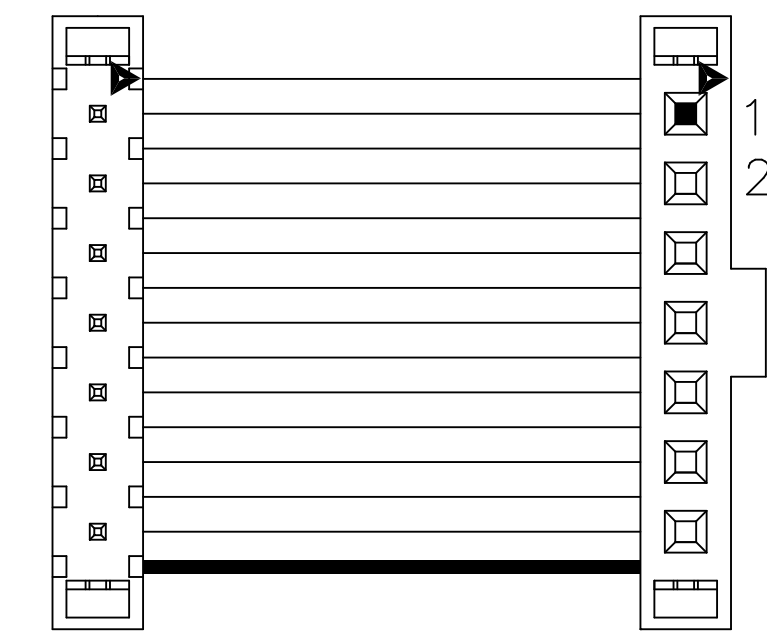


-O  
OUTSIDE REVERSED



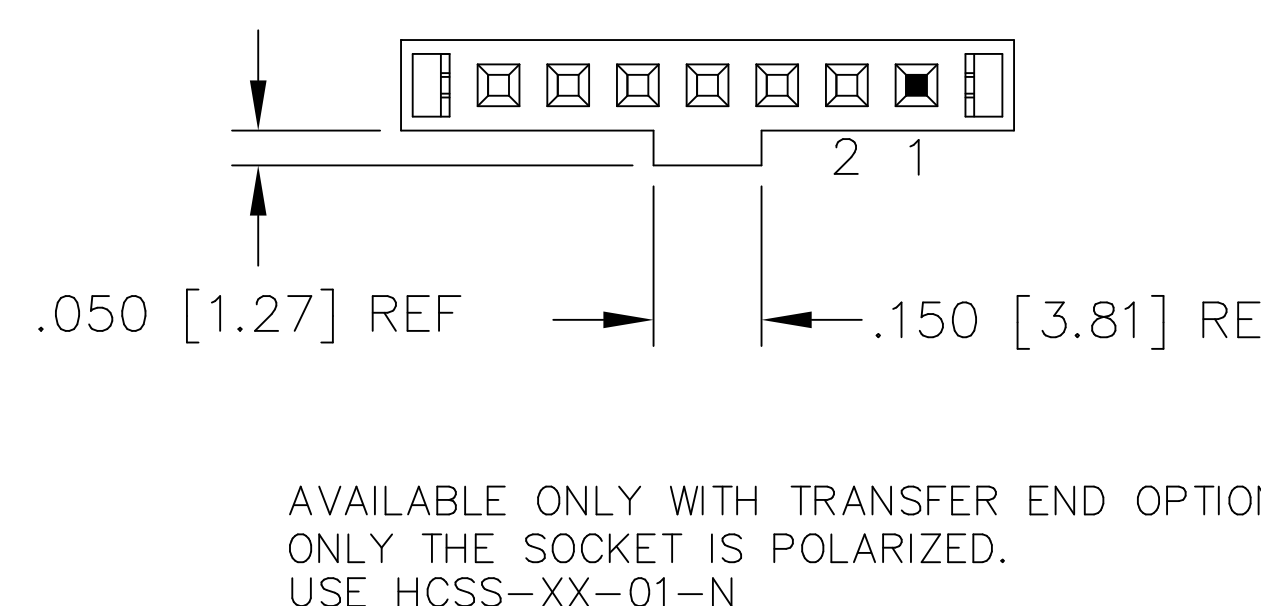
-PXX

XX = POSITION NO.  
INSERT POLARIZING KEY PART NO. PK-06-N  
INTO SPECIFIED POSITION -XX

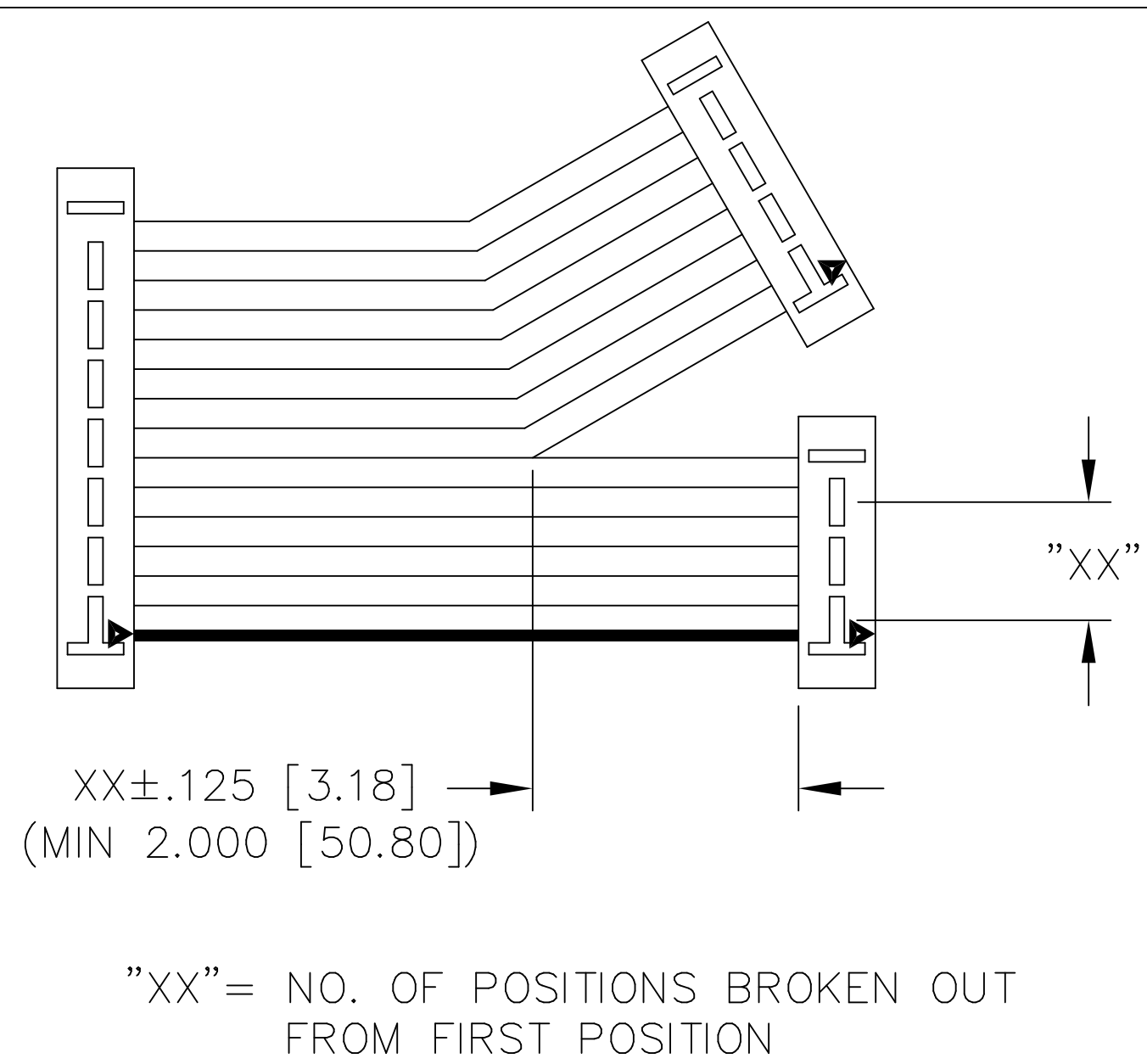


NOTE:  
OPTION ONLY AVAILABLE ON FEMALE END OF THE  
-T (TRANSFER END) OPTION  
THE POLARIZED POSITION WILL HAVE THE SAME  
ELECTRICAL POSITION FROM THE BROWN WIRE  
FIRST POSITION INDICATOR.

-N  
NOTCH POLARIZATION



-BXX  
BREAKOUT OPTION



**samtec**

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CODE 55322

EP\CABLE  
HCMS-ASM

MADE BY: KOLB 8-3-90

HCMS-XX-X-XX-XX-XXX-XXX  
SHEET 1 OF 1

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