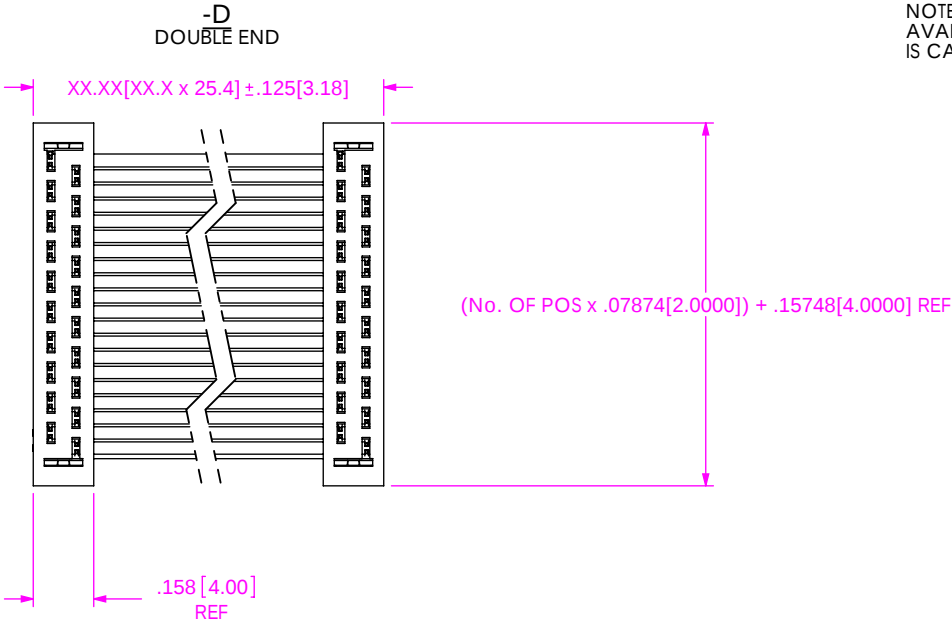
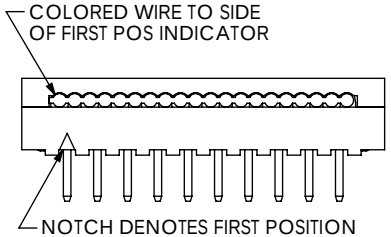
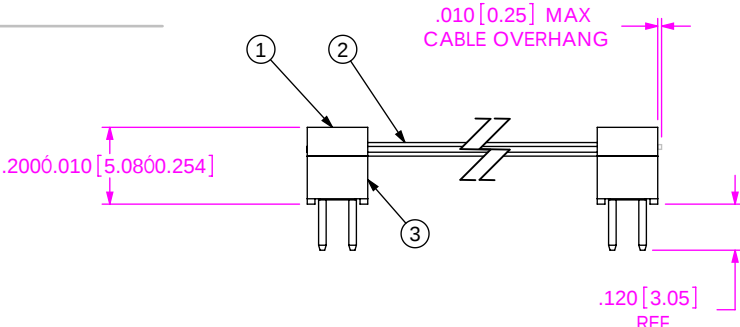
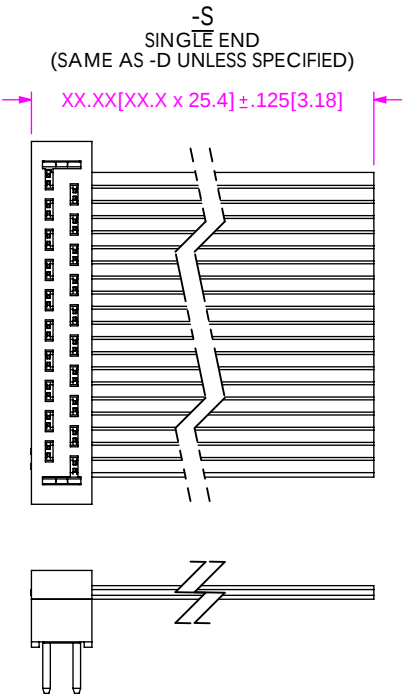




- No OF POSITIONS  
-03,-04,-05,-08,-10,-12,  
-13,-15,-17,-20,-22,-25  
NOTE: OTHER POSITIONS  
AVAILALE AS ASO. TOOL  
IS CAPABLE OF POSITIONS 2-25
- END ASSEMBLY  
-D: DOUBLE END  
-S: SINGLE END  
-T: TRANSFER END
- ASSEMBLY LENGTH  
(2 INCH MINIMUM)
- OPTION  
SEE OPTIONS BELOW
- OPTION  
SEE OPTIONS BELOW
- OPTION  
LEAVE BLANK FOR STANDARD  
-F: FLASH GOLD PLATING  
TRANSFER END ONLY  
(USE TCSD-XX-01-F)
- LEAD STYLE



| TABLE 1 |                |
|---------|----------------|
| ITEM #  | PART           |
| 1       | TCSD-XX-01-XXX |
| 2       | TCB-50         |
| 3       | TCMD-XX-01     |
| 4       | TCMD-XX-01-SR  |
| 5       | TMSR-XX        |
| 6       | TTC-XX-D       |
| 7       | T-1S14-XX-X    |

- NOTES:
1. © REPRESENTS A CRITICAL DIMENSION.
  2. AS OF REV C ON TCB-50 CABLE, ASSEMBLIES WILL BE LEAD FREE.
  3. ALL ASSEMBLIES TO BE 100 % ELECTRONICALLY TESTED FOR SHORTS AND OPENS.
  4. ALL ASSEMBLIES TO BE 100 % HI-POT TESTED AT 800V.
  5. STRAIN RELIEF TO WITHSTAND 5LBS STRAIGHT PULL.

UNLESS OTHERWISE SPECIFIED,  
DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

|                      |        |
|----------------------|--------|
| DECIMALS             | ANGLES |
| .XX: ±.01 [.3]       | 2°     |
| .XXX: ±.005 [.13]    |        |
| .XXXX: ±.0020 [.051] |        |

MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 2:1

INSULATOR: VALOX 420 SEO, COLOR: BLACK  
CONTACT : #25 BeCu 1/2 HARD, AGE HARDENED  
TERMINAL: SPRING TEMPER PHOS BRONZE, ALLOY 510  
STRAIN RELIEF: CELANEX 3300, COLOR: BLACK

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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

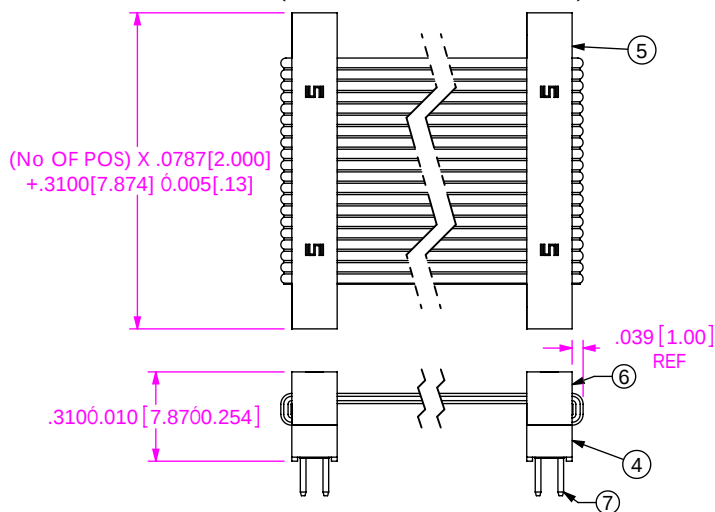
DESCRIPTION:  
2MM DOUBLE ROW MALE IDC CABLE ASSEMBLY

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

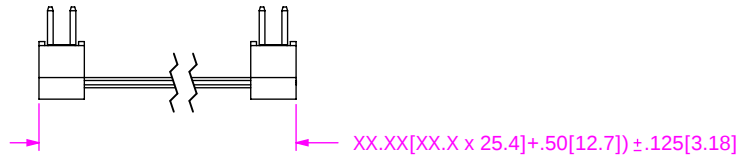
BY: B RAY 11/26/2007 SHEET 1 OF 4

# REVISION T

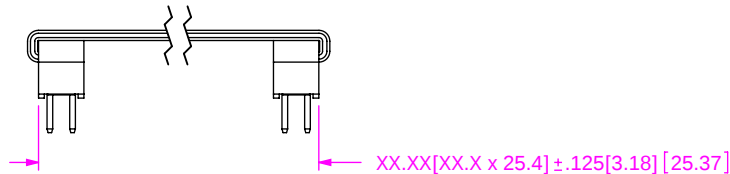
**-SR:**  
STRAIN RELIEF  
(NOT AVAILABLE WITH -O, -M, -R, -DXX, OR -BXX)  
(SOLD AS ASSEMBLIES ONLY)  
(SAME AS -D UNLESS SPECIFIED)



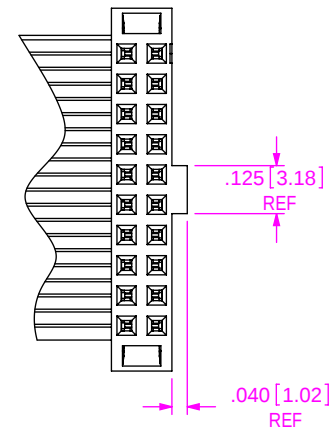
## IN-PROCESS 1 -SR ONLY



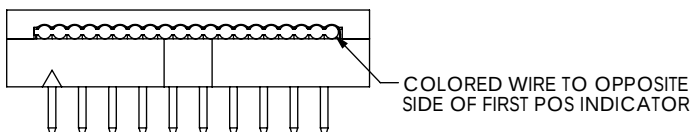
## IN-PROCESS 2 -SR ONLY



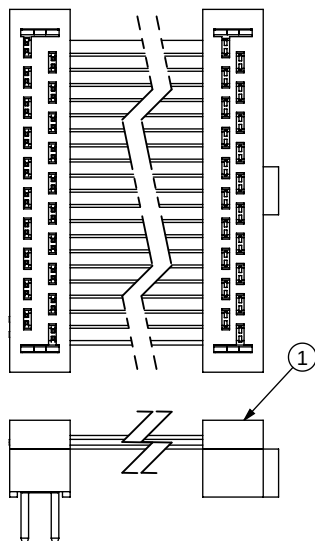
**-N**  
NOTCH POLARIZATION  
(FOR -T ONLY)  
(IF OPTION IS SPECIFIED  
USE TCSD-XX-01-N)



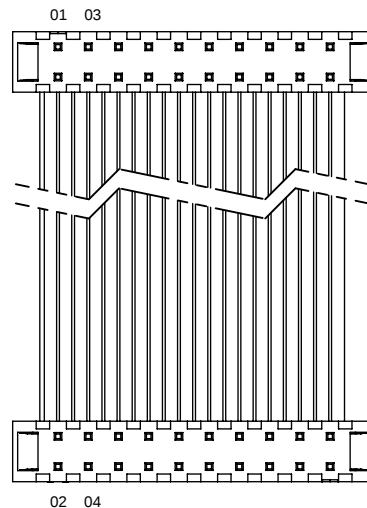
**-RW**  
REVERSE WIRING



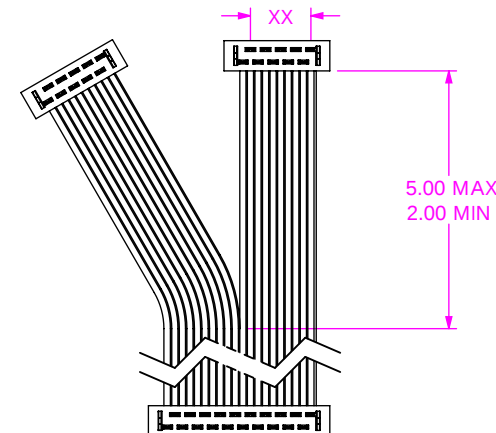
**-T**  
TRANSFER END  
(SAME AS -D UNLESS SPECIFIED)



**-P"XX"**  
POLARIZED MATING  
(USE PK-07-N POLARIZING KEY)  
(THE SAME POSITION WILL  
BE POLARIZED ON BOTH ENDS)



**-BXX**  
BREAKOUT OPTION  
"XX" = NO OF CONDUCTORS PER ROW  
BROKEN OUT FROM THE FIRST POSITION



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SHEET SCALE: 1:5:1

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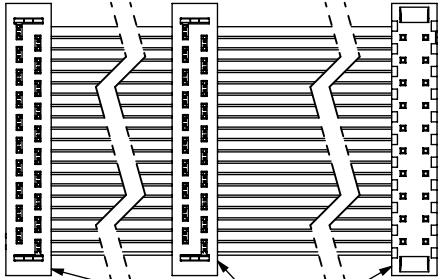
520 PARK EAST BLVD, NEW ALBANY, IN 47150  
PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION:  
2MM DOUBLE ROW MALE IDC CABLE ASSEMBLY

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

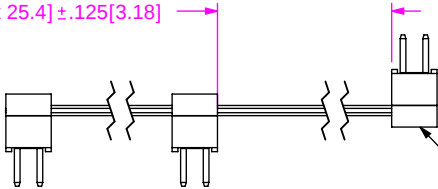
BY: B RAY 11/26/2007 SHEET 2 OF 4

-O  
OUTSIDE REVERSED



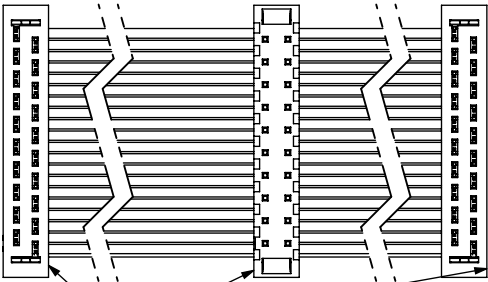
FIRST POSITION INDICATOR

XX.XX[XX.X x 25.4] ±.125[3.18]



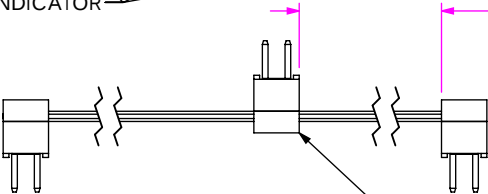
OUTSIDE SOCKET REVERSED  
WHEN DAISY CHAINED

-M  
MIDDLE REVERSED



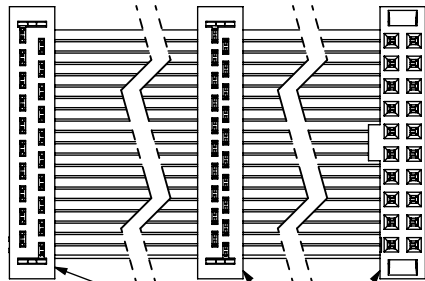
FIRST POSITION INDICATOR

XX.XX[XX.X x 25.4] ±.125[3.18]



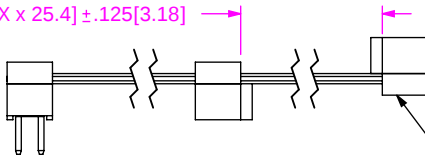
MIDDLE TERMINAL REVERSED  
WHEN DAISY CHAINED

-O  
OUTSIDE TRANSFER



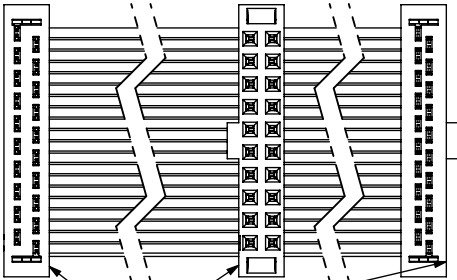
FIRST POSITION INDICATOR

XX.XX[XX.X x 25.4] ±.125[3.18]



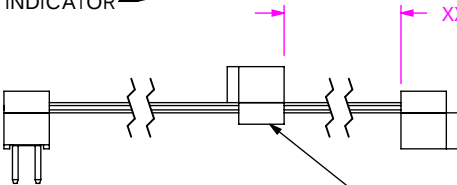
OUTSIDE SOCKET REVERSED  
WHEN DAISY CHAINED

-M  
MIDDLE TRANSFER



FIRST POSITION INDICATOR

XX.XX[XX.X x 25.4] ±.125[3.18]



MIDDLE TERMINAL REVERSED  
WHEN DAISY CHAINED

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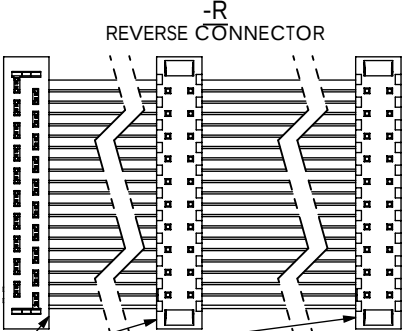
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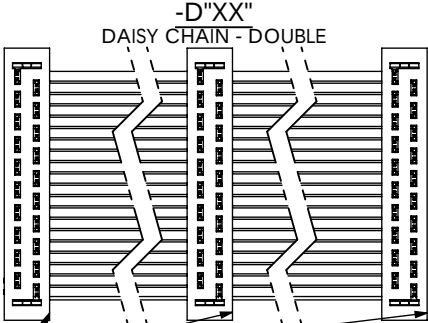
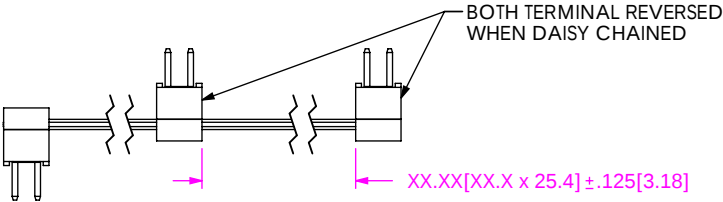
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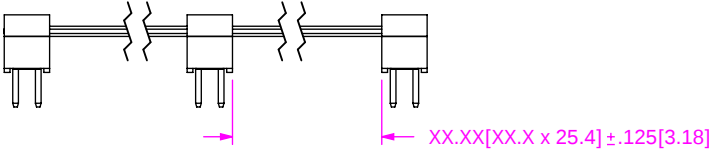
BY: B RAY 11/26/2007 SHEET 3 OF 4



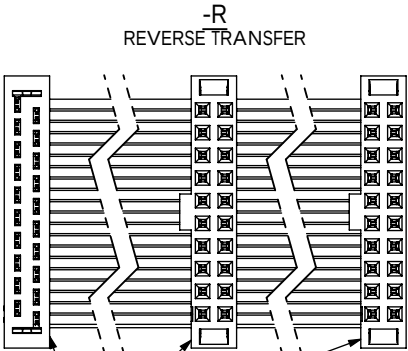
FIRST POSITION INDICATOR



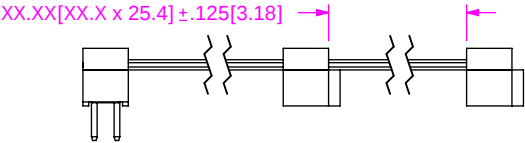
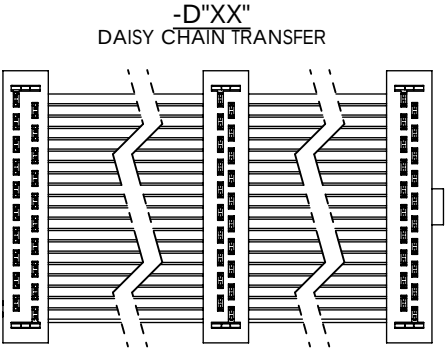
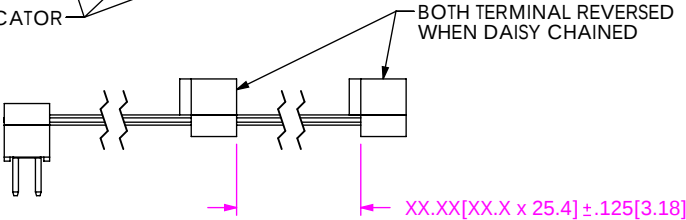
FIRST POSITION INDICATOR



NOTE:  
2" MINIMUM LENGTH  
1" INCREMENTS ONLY



FIRST POSITION INDICATOR



NOTE:  
2" MINIMUM LENGTH  
1" INCREMENTS ONLY

|                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                   |                   |                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-------------------|---------------------|
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|                                                                                                                                                                                                                                                                                                                                                                               | <p>DESCRIPTION:<br/>2MM DOUBLE ROW MALE IDC CABLE ASSEMBLY</p>                                                                    |                   |                     |
|                                                                                                                                                                                                                                                                                                                                                                               | <p>DWG. NO.<br/>TCMD-XX-X-XX.XX-01-X-XXX-XXX</p>                                                                                  |                   |                     |
| <p>BY: B RAY</p>                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                   | <p>11/26/2007</p> | <p>SHEET 4 OF 4</p> |