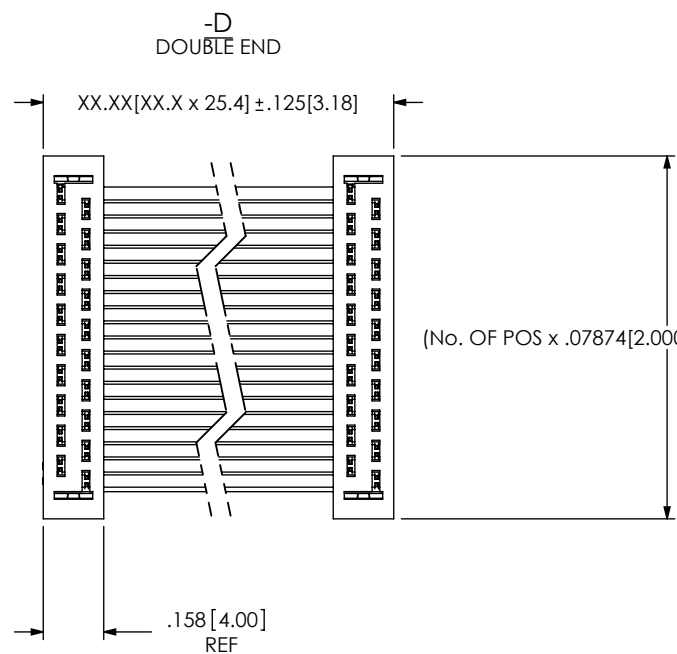


DO NOT SCALE FROM THIS PRINT

TCMD-XX-X-XX.XX-01-XX-XXX-XXX



No OF POSITIONS
-03,-04,-05,-08,-10,-12,
-13,-15,-17,-20,-22,-25
NOTE: OTHER POSITIONS
AVAILABLE 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 SHEETS 2, 3 & 4 [W]

OPTION
SEE SHEETS 2, 3 & 4 [W]

OPTION
LEAVE BLANK FOR STANDARD
-F: FLASH GOLD PLATING
(USE TCSD-XX-01-F)
-RF: FLASH GOLD PLATING
(FOR DOUBLE AND SINGLE END USE T-1S14-01-F)
(FOR TRANSFER END USE T-1S14-01-F & TCSD-XX-01-F)

LEAD STYLE

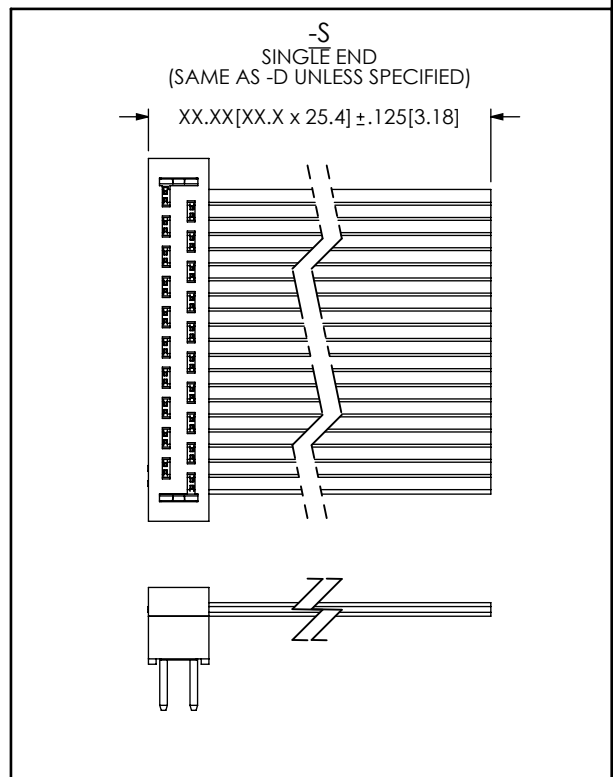
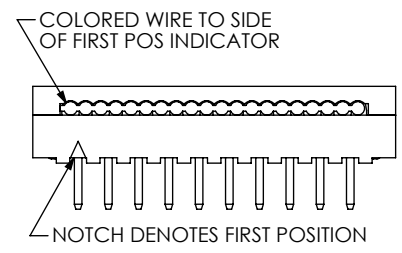
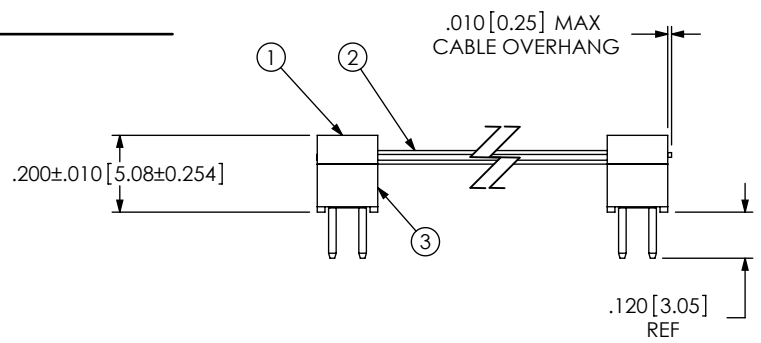


TABLE 1

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]

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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

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

DESCRIPTION:
2MM DOUBLE ROW MALE IDC CABLE ASSEMBLY
DWG. NO.
TCMD-XX-X-XX.XX-01-XX-XXX-XXX
BY: B RAY 11/26/2007 SHEET 1 OF 4

REVISION W

-SR:

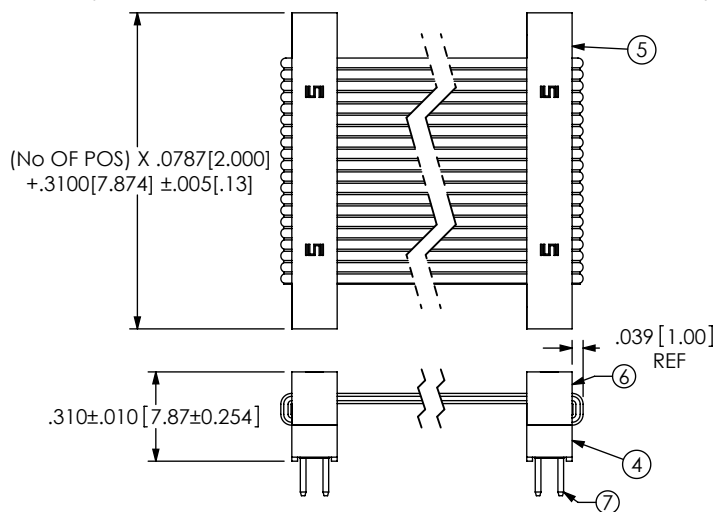
STRAIN RELIEF

(NOT AVAILABLE WITH -O, -M, -R, -DXX, OR -BXX)

(SOLD AS ASSEMBLIES ONLY)

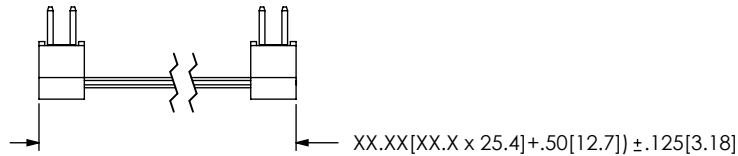
(SAME AS -D UNLESS SPECIFIED)

(MUST USE HEAT BEND/STRAIN RELIEF TOOL ON POSITIONS 20-25)



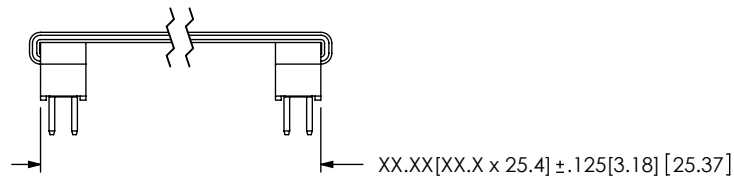
IN-PROCESS 1

-SR ONLY

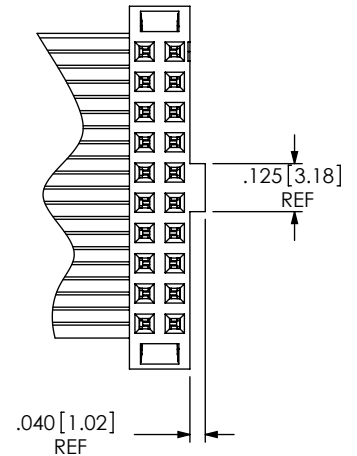


IN-PROCESS 2

-SR ONLY

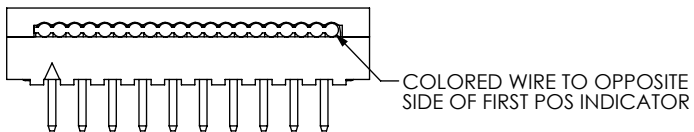


-N
NOTCH POLARIZATION
(FOR -T ONLY)
(IF OPTION IS SPECIFIED
USE TCSD-XX-01-N)



-RW

REVERSE WIRING



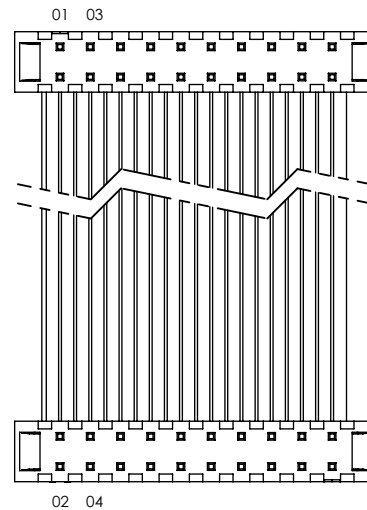
-P"XX"

POLARIZED MATING

(USE PK-07-N POLARIZING KEY)

(REQUIRES TRANSFER END. ONLY SOCKET IS POLARIZED)

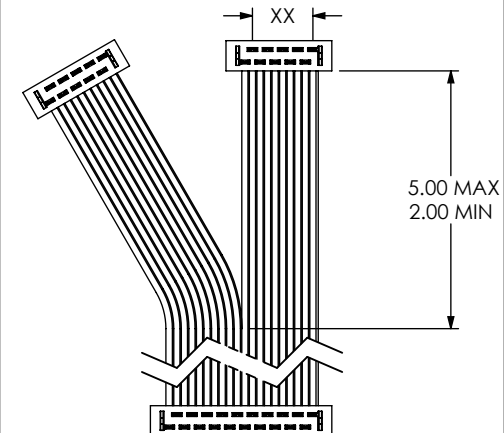
W



-BXX

BREAKOUT OPTION

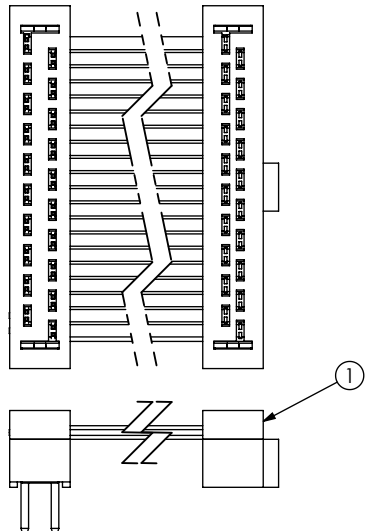
"XX" = NO OF CONDUCTORS PER ROW
BROKEN OUT FROM THE FIRST POSITION



-T

TRANSFER END

(SAME AS -D UNLESS SPECIFIED)



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DO NOT SCALE DRAWING

SHEET SCALE: 1:5:1

samtec

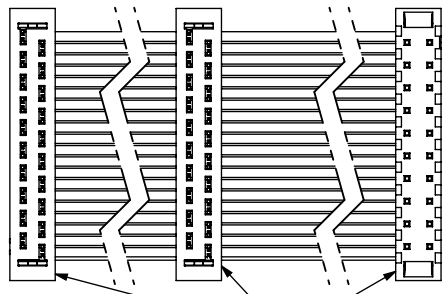
520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION:
2MM DOUBLE ROW MALE IDC CABLE ASSEMBLY

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

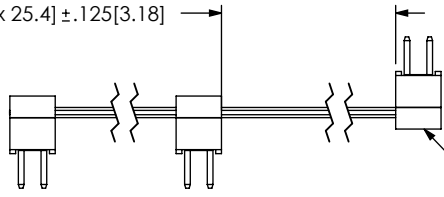
BY: B RAY 11/26/2007 SHEET 2 OF 4

-O
OUTSIDE REVERSED



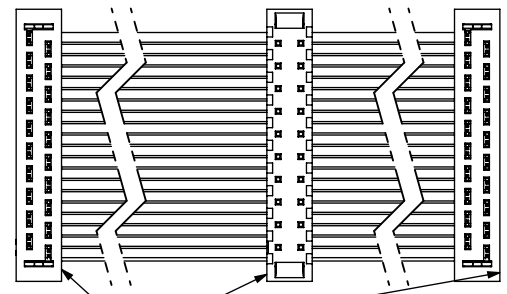
FIRST POSITION INDICATOR

$XX.XX[XX.X \times 25.4] \pm .125[3.18]$



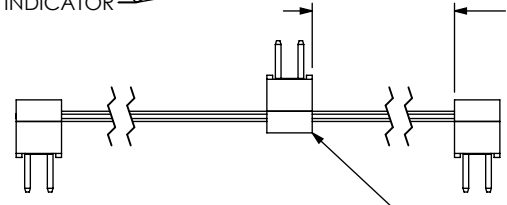
OUTSIDE SOCKET REVERSED
WHEN DAISY CHAINED

-M
MIDDLE REVERSED



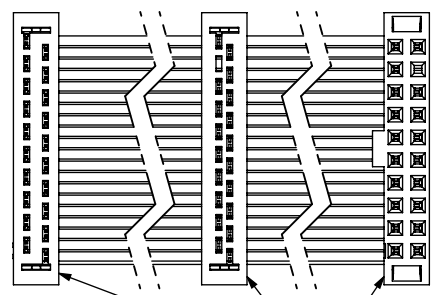
FIRST POSITION INDICATOR

$XX.XX[XX.X \times 25.4] \pm .125[3.18]$



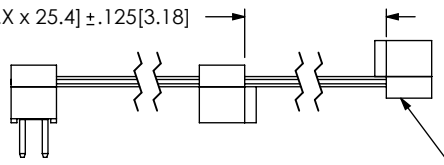
MIDDLE TERMINAL REVERSED
WHEN DAISY CHAINED

-O
OUTSIDE TRANSFER



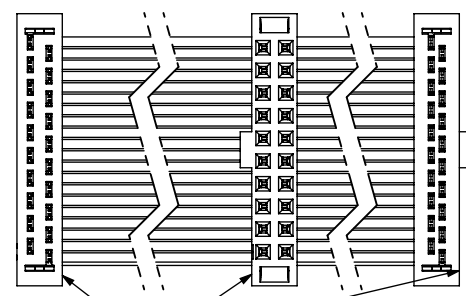
FIRST POSITION INDICATOR

$XX.XX[XX.X \times 25.4] \pm .125[3.18]$



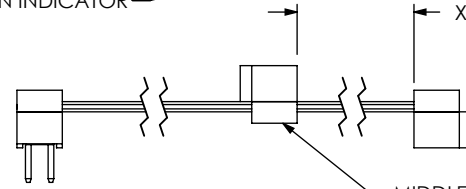
OUTSIDE SOCKET REVERSED
WHEN DAISY CHAINED

-M
MIDDLE TRANSFER



FIRST POSITION INDICATOR

$XX.XX[XX.X \times 25.4] \pm .125[3.18]$



MIDDLE TERMINAL REVERSED
WHEN DAISY CHAINED

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SHEET SCALE: 1.5:1



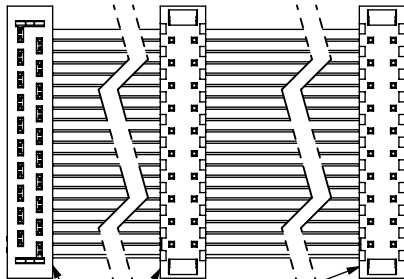
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PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION:
2MM DOUBLE ROW MALE IDC CABLE ASSEMBLY

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

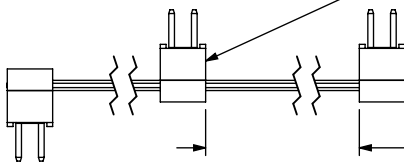
BY: B RAY 11/26/2007 SHEET 3 OF 4

-R
REVERSE CONNECTOR



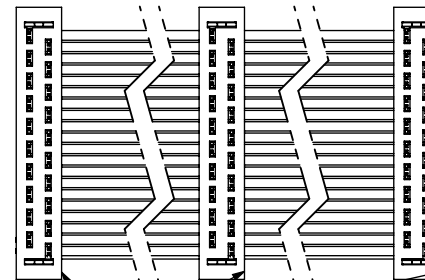
FIRST POSITION INDICATOR

BOTH TERMINAL REVERSED
WHEN DAISY CHAINED

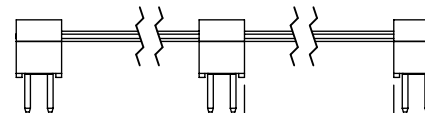


XX.XX[XX.X x 25.4] ± .125[3.18]

-D"XX"
DAISY CHAIN - DOUBLE



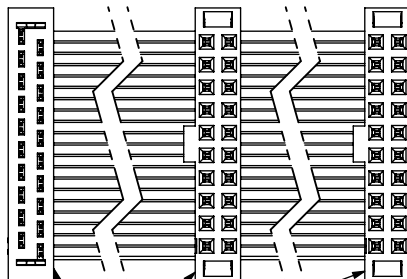
FIRST POSITION INDICATOR



XX.XX[XX.X x 25.4] ± .125[3.18]

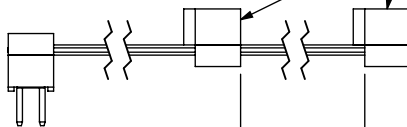
NOTE:
2" MINIMUM LENGTH
1" INCREMENTS ONLY

-R
REVERSE TRANSFER



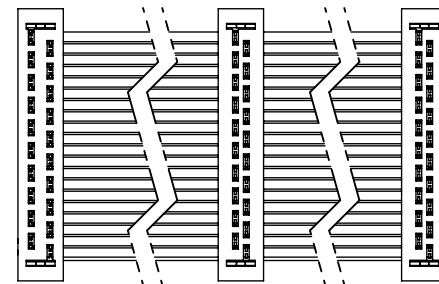
FIRST POSITION INDICATOR

BOTH TERMINAL REVERSED
WHEN DAISY CHAINED

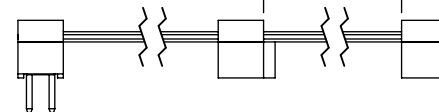


XX.XX[XX.X x 25.4] ± .125[3.18]

-D"XX"
DAISY CHAIN TRANSFER



XX.XX[XX.X x 25.4] ± .125[3.18]



NOTE:
2" MINIMUM LENGTH
1" INCREMENTS ONLY

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DESCRIPTION:
2MM DOUBLE ROW MALE IDC CABLE ASSEMBLY

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

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