



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



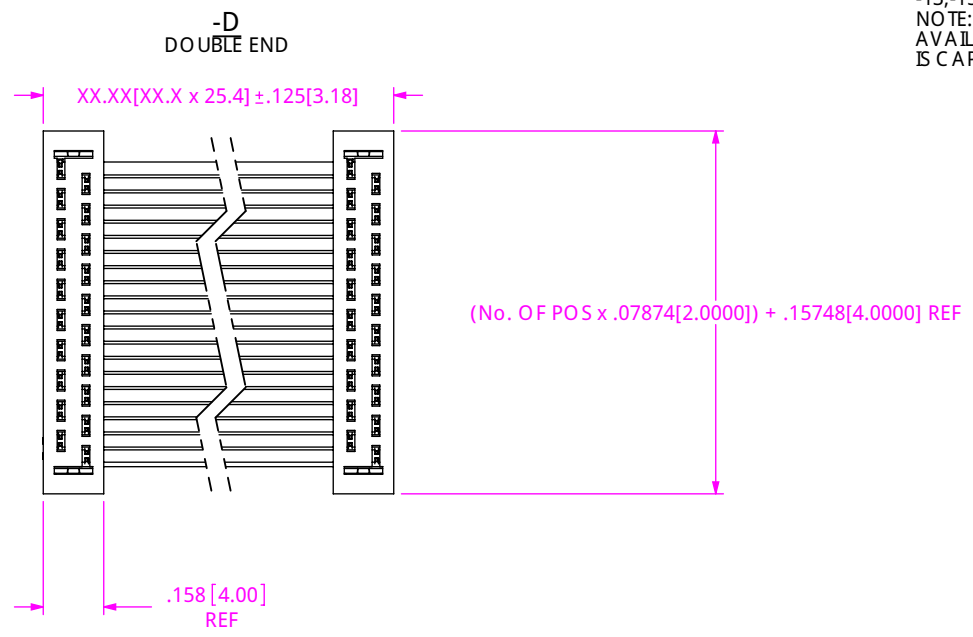
Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





No OF POSITIONS
 -03,-04,-05,-08,-10,-12,-13,-15,-17,-20,-22,-25
 NOTE: OTHER POSITIONS AVAILABLE AS A SPECIAL 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

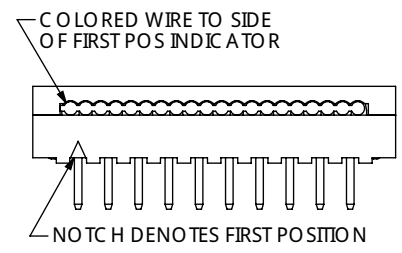
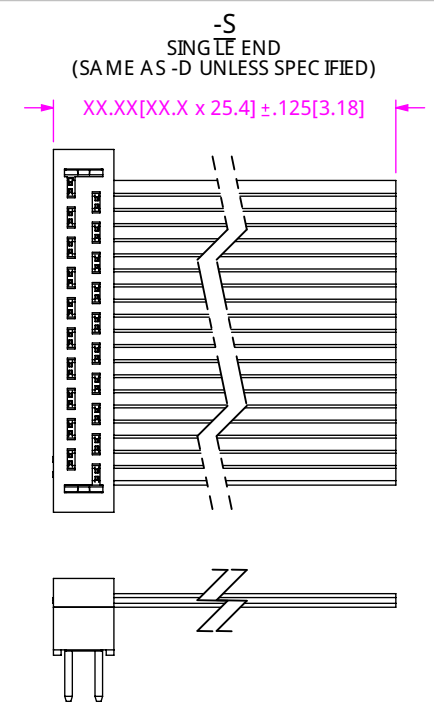


TABLE 1

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.
 - AS OF REV C ON TC B-50 CABLE, ASSEMBLIES WILL BE LEAD FREE.
 - ALL ASSEMBLIES TO BE 100 % ELECTRONICALLY TESTED FOR SHORTS AND OPENS.
 - ALL ASSEMBLIES TO BE 100 % HI-POT TESTED AT 800V.
 - 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]	

PROPRIETARY NOTE
 THIS DOCUMENT CONTAINS INFORMATION CONFIDENTIAL AND PROPRIETARY TO SAMTEC, INC. AND SHALL NOT BE REPRODUCED OR TRANSFERRED TO OTHER DOCUMENTS OR DISCLOSED TO OTHERS OR USED FOR ANY PURPOSE OTHER THAN THAT WHICH IT WAS OBTAINED WITHOUT THE EXPRESSED WRITTEN CONSENT OF SAMTEC, INC.

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

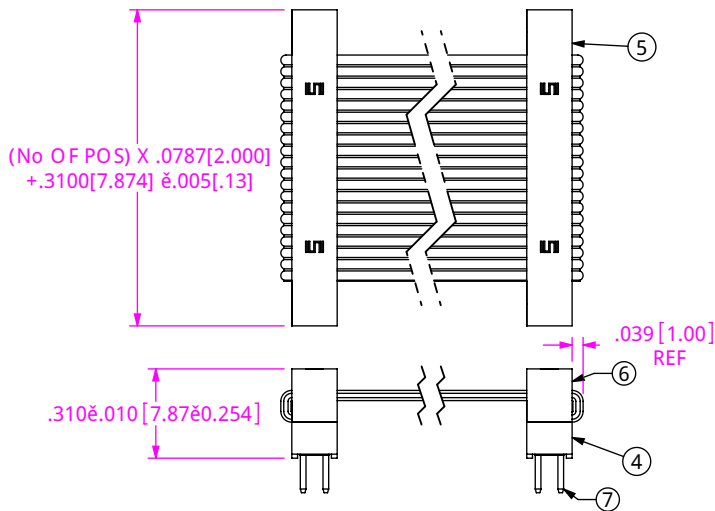
DWG. NO.
TC MD-XX-X-XX.XX-01-X-XXX-XXX

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

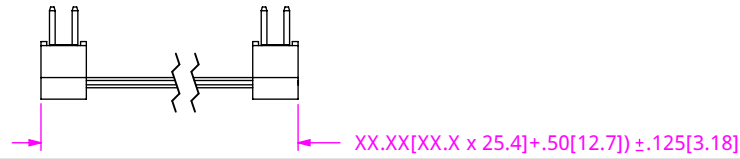


REVISION T

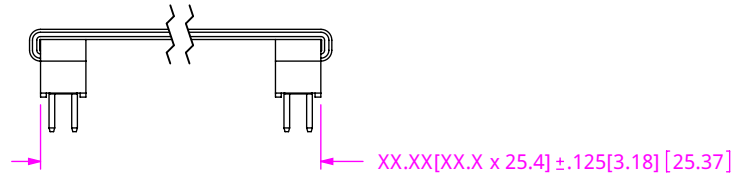
-SR:
STRAIN RELIEF
(NOT AVAILABLE WITH -O, -M, -R, -DXX, OR -BXX)
(SOLD AS ASSEMBLIES ONLY)
(SAME AS -D UNLESS SPECIFIED)



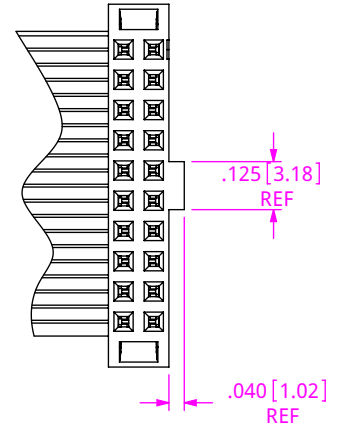
IN-PROCESS 1
-SR ONLY



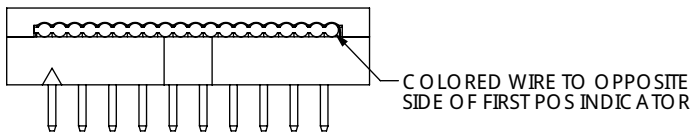
IN-PROCESS 2
-SR ONLY



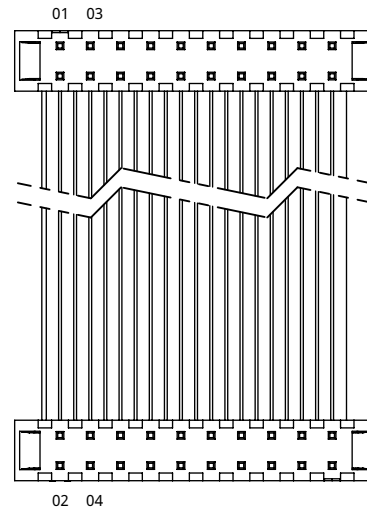
-N
NOTCH POLARIZATION
(FOR -T ONLY)
(IF OPTION IS SPECIFIED
USE TCSD-XX-01-N)



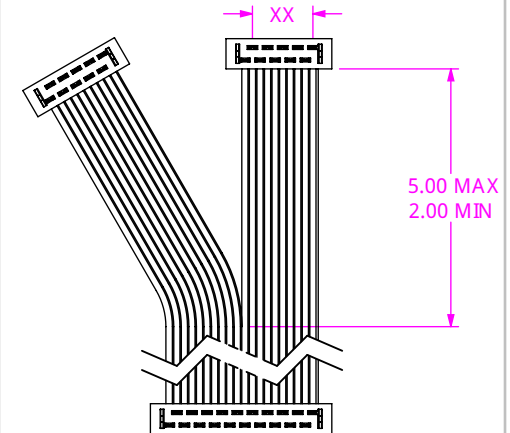
-RW
REVERSE WIRING



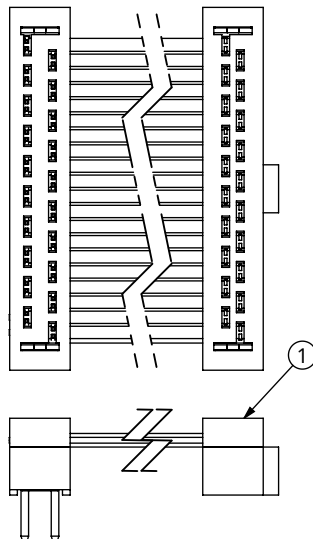
-P"XX"
POLARIZED MATING
(USE PK-07-N POLARIZING KEY)
(THE SAME POSITION WILL
BE POLARIZED ON BOTH ENDS)



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



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



PROPRIETARY NOTE
THIS DOCUMENT CONTAINS INFORMATION
CONFIDENTIAL AND PROPRIETARY TO
SAMTEC, INC. AND SHALL NOT BE REPRODUCED
OR TRANSFERRED TO OTHER DOCUMENTS OR
DISCLOSED TO OTHERS OR USED FOR ANY
PURPOSE OTHER THAN THAT WHICH IT WAS
OBTAINED WITHOUT THE EXPRESSED WRITTEN
CONSENT OF SAMTEC, INC.

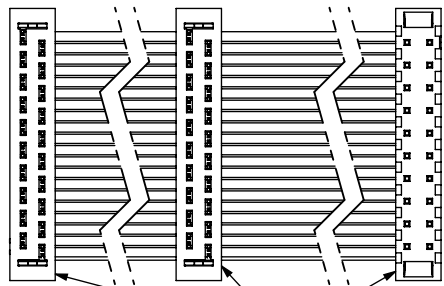
DO NOT SCALE DRAWING
SHEET SCALE: 1:5:1



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

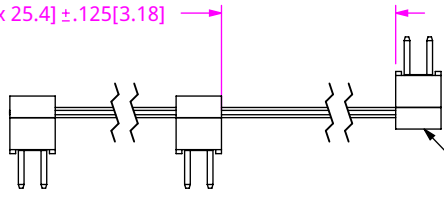
DESCRIPTION:
2MM DOUBLE ROW MALE IDC CABLE ASSEMBLY
DWG. NO.
TC MD-XX-X-XX.XX-01-X-XXX-XXX
BY: B RAY 11/26/2007 SHEET 2 OF 4

-O
O UTSIDE REVERSED



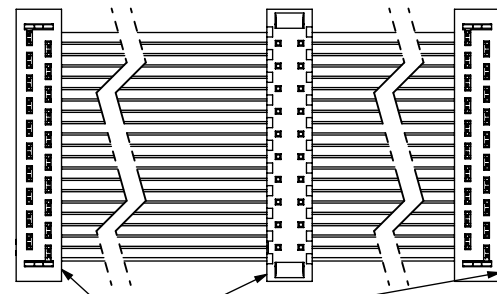
FIRST POSITION INDICATOR

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



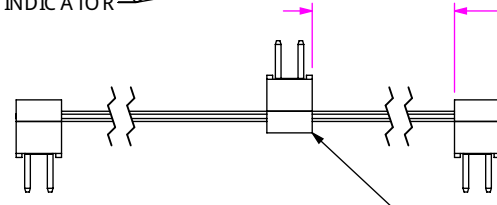
O UTSIDE SOCKET REVERSED
WHEN DAISY CHAINED

-M
MIDDLE REVERSED



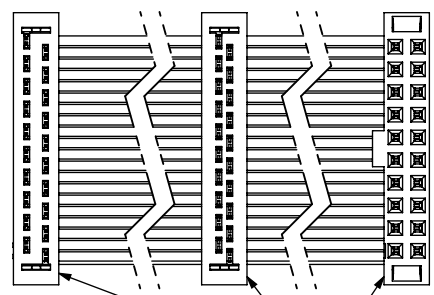
FIRST POSITION INDICATOR

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



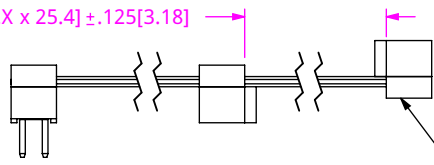
MIDDLE TERMINAL REVERSED
WHEN DAISY CHAINED

-O
O UTSIDE TRANSFER



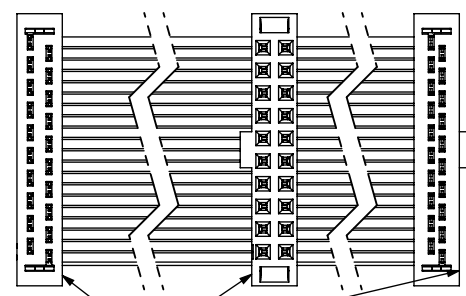
FIRST POSITION INDICATOR

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



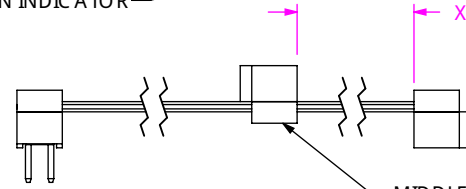
O UTSIDE SOCKET REVERSED
WHEN DAISY CHAINED

-M
MIDDLE TRANSFER



FIRST POSITION INDICATOR

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



MIDDLE TERMINAL REVERSED
WHEN DAISY CHAINED

PROPRIETARY NOTE

THIS DOCUMENT CONTAINS INFORMATION CONFIDENTIAL AND PROPRIETARY TO SAMTEC, INC. AND SHALL NOT BE REPRODUCED OR TRANSFERRED TO OTHER DOCUMENTS OR DISCLOSED TO OTHERS OR USED FOR ANY PURPOSE OTHER THAN THAT WHICH IT WAS OBTAINED WITHOUT THE EXPRESSED WRITTEN CONSENT OF SAMTEC, INC.

DO NOT SCALE DRAWING

SHEET SCALE: 1:5:1

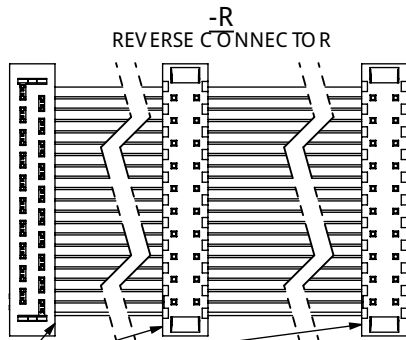


520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION:
2MM DOUBLE ROW MALE IDC CABLE ASSEMBLY

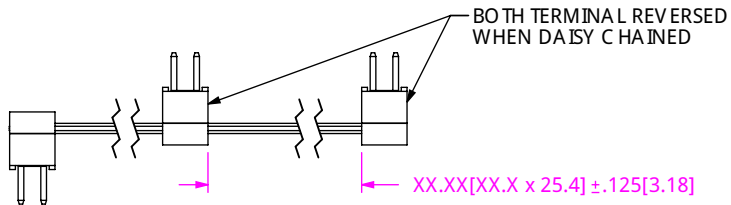
DWG. NO.
TC MD-XX-X-XX.XX-01-X-XXX-XXX

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



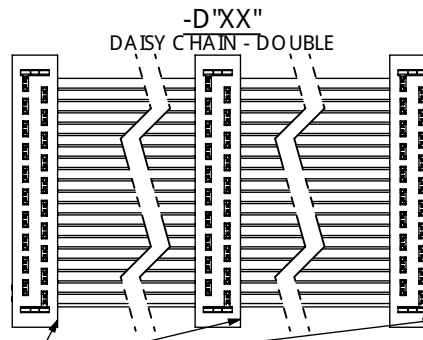
-R
REVERSE CONNECTOR

FIRST POSITION INDICATOR



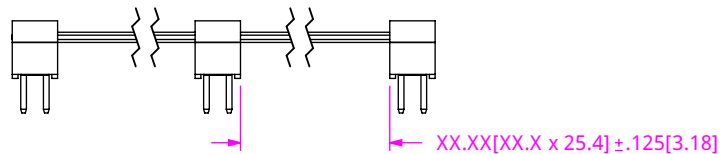
BOTH TERMINAL REVERSED
WHEN DAISY CHAINED

XX.XX[XX.X x 25.4] ±.125[3.18]



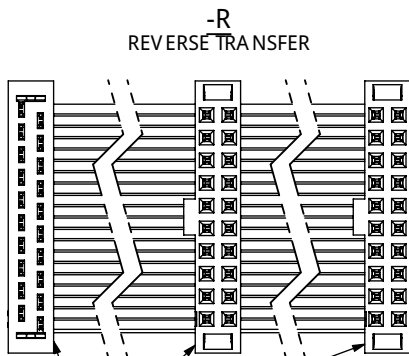
-D'XX"
DAISY CHAIN - DOUBLE

FIRST POSITION INDICATOR



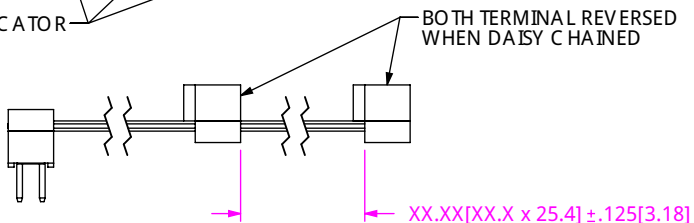
NOTE:
2" MINIMUM LENGTH
1" INCREMENTS ONLY

XX.XX[XX.X x 25.4] ±.125[3.18]



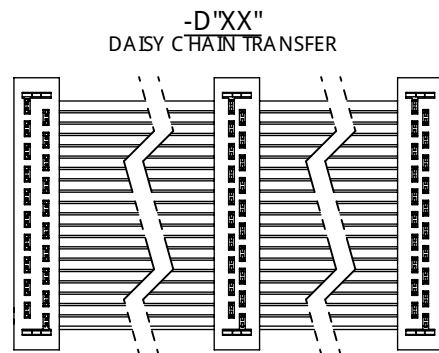
-R
REVERSE TRANSFER

FIRST POSITION INDICATOR



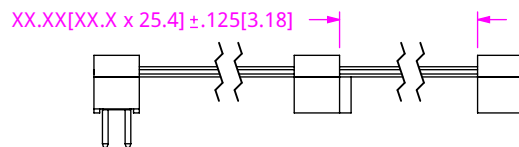
BOTH TERMINAL REVERSED
WHEN DAISY CHAINED

XX.XX[XX.X x 25.4] ±.125[3.18]



-D'XX"
DAISY CHAIN TRANSFER

NOTE:
2" MINIMUM LENGTH
1" INCREMENTS ONLY



XX.XX[XX.X x 25.4] ±.125[3.18]

PROPRIETARY NOTE

THIS DOCUMENT CONTAINS INFORMATION CONFIDENTIAL AND PROPRIETARY TO SAMTEC, INC. AND SHALL NOT BE REPRODUCED OR TRANSFERRED TO OTHER DOCUMENTS OR DISCLOSED TO OTHERS OR USED FOR ANY PURPOSE OTHER THAN THAT WHICH IT WAS OBTAINED WITHOUT THE EXPRESSED WRITTEN CONSENT OF SAMTEC, INC.

DO NOT SCALE DRAWING

SHEET SCALE: 1.5:1



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.
TC MD-XX-X-XX.XX-01-X-XXX-XXX

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