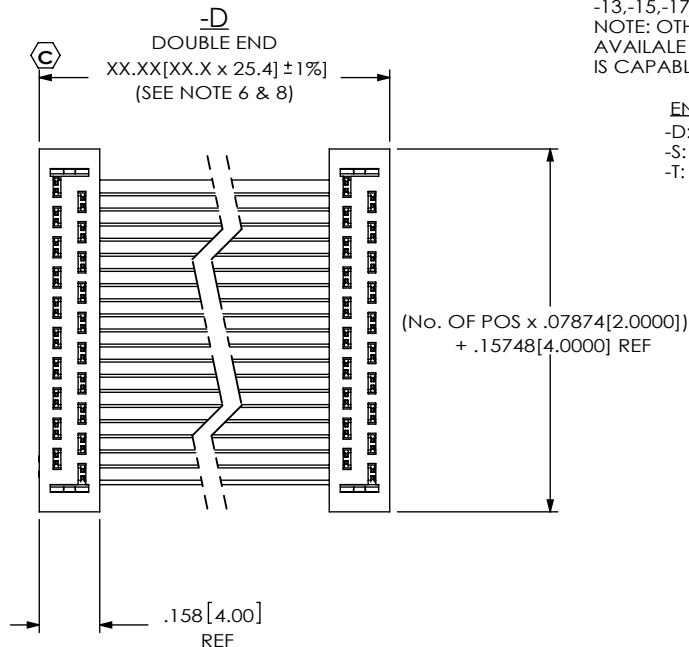


DO NOT SCALE FROM THIS PRINT

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
 AVAILALE AS ASO. TOOL
 IS CAPABLE OF POSITIONS 2-25

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

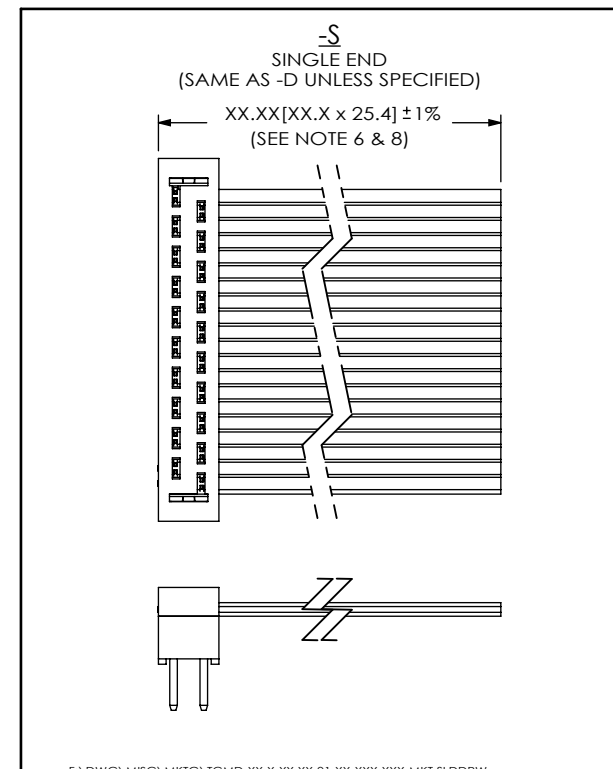
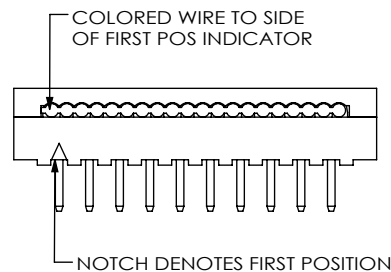
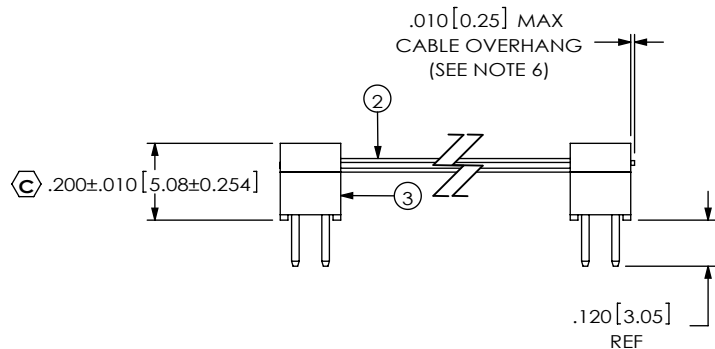
ASSEMBLY LENGTH
 (2 INCH MINIMUM)

LEAD STYLE

OPTION
 SEE SHEETS 2, 3 & 4

OPTION
 SEE SHEETS 2, 3 & 4

OPTION
 LEAVE BLANK FOR TIN PLATING
 (FOR -S & -D USE TCMD-XX-01)
 (FOR TRANSFER OPTION USE TCMD-XX-01 AND TCSD-XX-01)
 -F: FLASH GOLD PLATING
 (FOR TRANSFER OPTION ONLY)
 (USE TCMD-XX-01 AND TCSD-XX-01-F)
 -RF: FLASH GOLD PLATING
 (FOR DOUBLE AND SINGLE ENDED USE TCMD-XX-01-F)
 (FOR TRANSFER OPTION USE TCMD-XX-01-F AND TCSD-XX-01-F)



NOTES:

- ⊕ REPRESENTS A CRITICAL DIMENSION.
- AS OF REV C ON TCB-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.
- 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.
- SEE TCMD-XX-XX-XX-XX (AND TCSD-XX-XX-X-XXX FOR -T END ASSEMBLY OPTION) PRINT FOR CONNECTOR ASSEMBLY INSTRUCTIONS AND ITS REQUIREMENTS.
- FOR LENGTHS LESS THAN 12.5", TOLERANCE SHALL BE +/- .125, ALL OTHER LENGTHS SHALL BE +/- 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

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



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 SEQ, COLOR: BLACK
 CONTACT : #25 BeCu 1/2 HARD, AGE HARDENED
 TERMINAL: SPRING TEMPER PHOS BRONZE, ALLOY 510
 STRAIN RELIEF: CELANEX 3300, COLOR: BLACK
 WIRE: 28 AWG, 7/36, TINNED Cu, STRANDED WITH PVC
 INSULATOR

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 AJ

-SR:

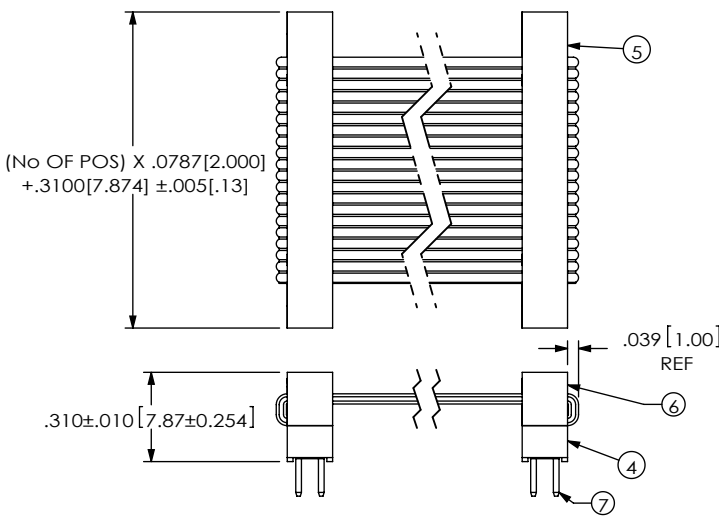
STRAIN RELIEF

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

(SOLD AS ASSEMBLIES ONLY)

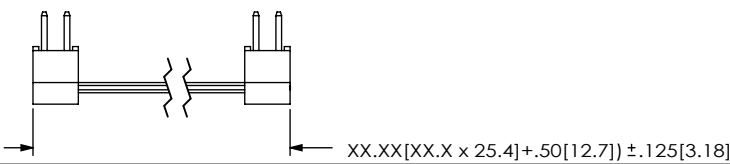
(SAME AS -D UNLESS SPECIFIED)

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



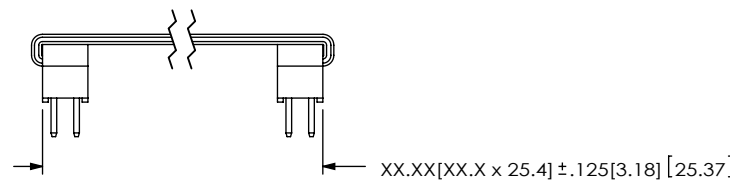
IN-PROCESS 1

-SR ONLY



IN-PROCESS 2

-SR ONLY



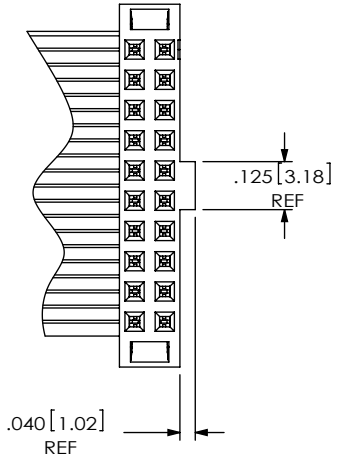
-N

NOTCH POLARIZATION

(FOR -T ONLY)

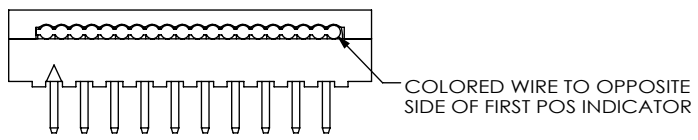
(IF OPTION IS SPECIFIED

USE TCSD-XX-01-N)



-RW

REVERSE WIRING

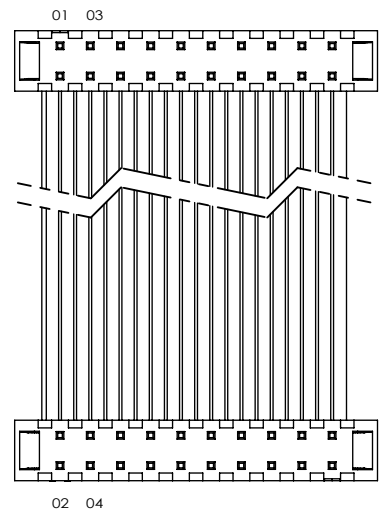


-P"XX"

POLARIZED MATING

(USE PK-07-N POLARIZING KEY)

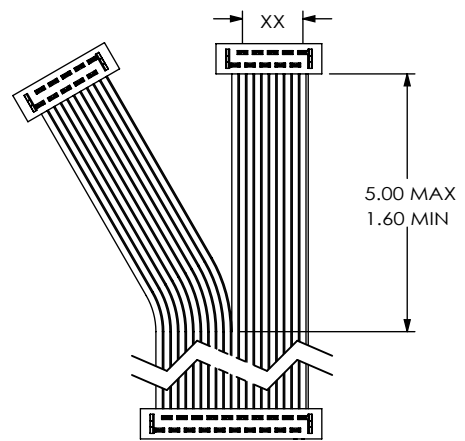
(REQUIRES TRANSFER END. ONLY SOCKET IS POLARIZED)



-BXX

BREAKOUT OPTION

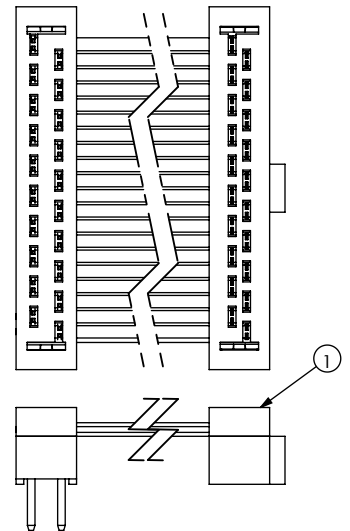
"XX" = NO OF CONDUCTORS PER ROW
BROKEN OUT FROM THE FIRST POSITION



-I

TRANSFER END

(SAME AS -D UNLESS SPECIFIED)



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DO NOT SCALE DRAWING

SHEET SCALE: 1.5:1

samtec

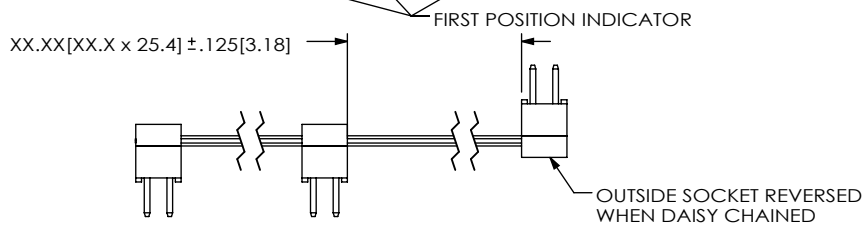
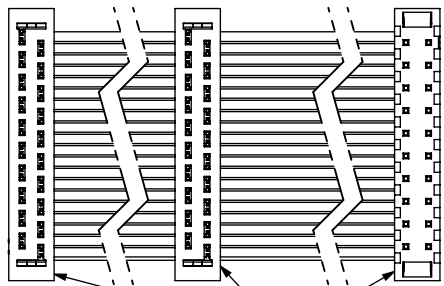
520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION:
2MM DOUBLE ROW MALE IDC CABLE ASSEMBLY

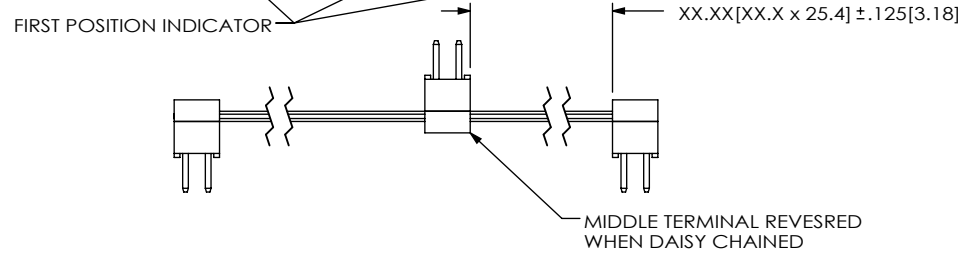
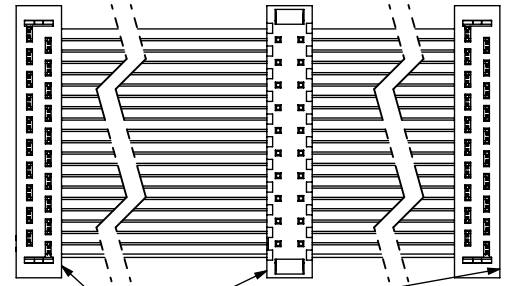
DWG. NO.
TCMD-XX-X-XX.XX-01-XX-XXX-XXX

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

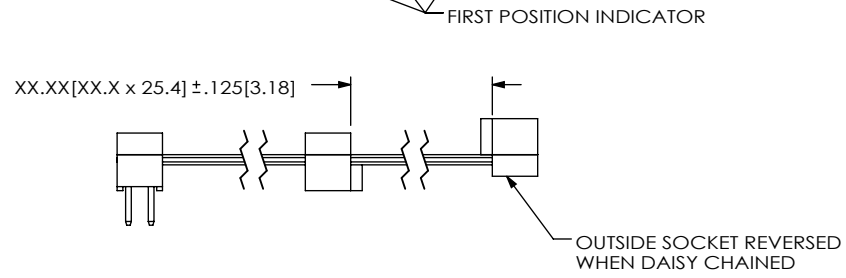
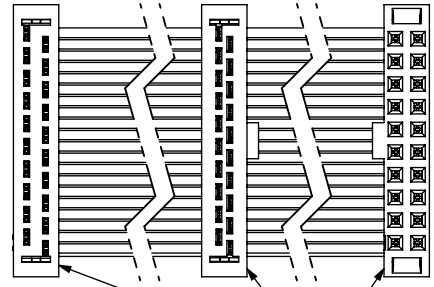
-O
OUTSIDE REVERSED
(NOT AVAILABLE WITH -R OR -M OPTIONS)



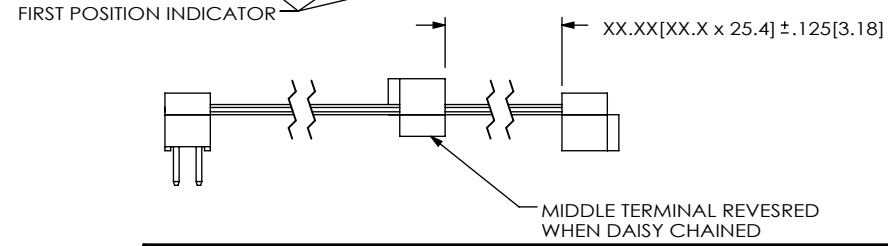
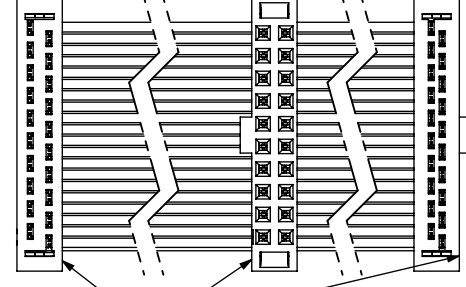
-M
MIDDLE REVERSED
(NOT AVAILABLE WITH -R OR -O OPTIONS)



-O
OUTSIDE TRANSFER
(NOT AVAILABLE WITH -R OR -M OPTIONS)



-M
MIDDLE TRANSFER
(NOT AVAILABLE WITH -R OR -O OPTIONS)



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SHEET SCALE: 1.5:1



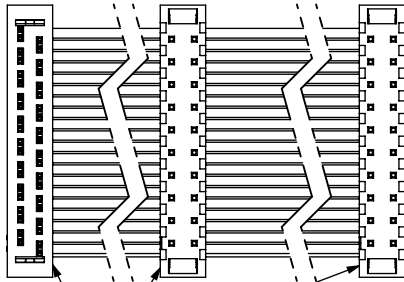
520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION:
2MM DOUBLE ROW MALE IDC CABLE ASSEMBLY

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

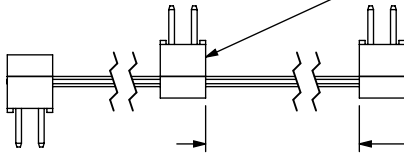
BY: B RAY 11/26/2007 SHEET 3 OF 4

-R
REVERSE CONNECTOR
(NOT AVAILABLE WITH -M OR -O OPTIONS)



FIRST POSITION INDICATOR

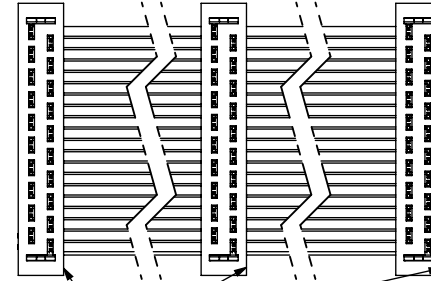
BOTH TERMINAL REVERSED
WHEN DAISY CHAINED



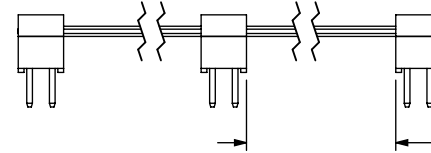
XX.XX[XX.X x 25.4] ± .125[3.18]

-D"XX"
DAISY CHAIN - DOUBLE

NOTE:
2" MINIMUM LENGTH
1" INCREMENTS ONLY

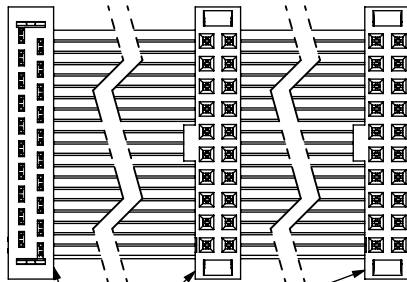


FIRST POSITION INDICATOR



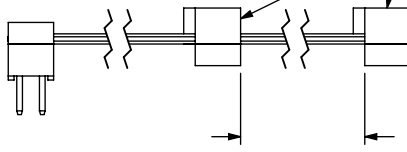
XX.XX[XX.X x 25.4] ± .125[3.18]

-R
REVERSE TRANSFER
(NOT AVAILABLE WITH -M OR -O OPTIONS)



FIRST POSITION INDICATOR

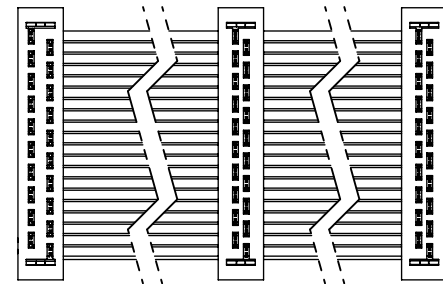
BOTH TERMINAL REVERSED
WHEN DAISY CHAINED



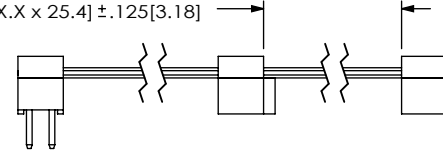
XX.XX[XX.X x 25.4] ± .125[3.18]

-D"XX"
DAISY CHAIN TRANSFER

NOTE:
2" MINIMUM LENGTH
1" INCREMENTS ONLY



XX.XX[XX.X x 25.4] ± .125[3.18]



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

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

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Largest Supplier of Electrical and Electronic Components

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[Ribbon Cable, 6 Pin, 300mm](#) [cab-LVDV-DAT-34-15](#) [49635-C62-S2](#) [1-3636-600-5204](#) [92315-1408](#) [100063-0094](#) [100063-0106](#) [100063-0102](#)
[100063-0104](#) [MMSD-02-20C-F-15.00-S-K](#) [100063-0099](#) [100063-0105](#) [100063-0095](#) [100063-0103](#) [100063-0093](#) [100063-0091](#) [2200000068](#)
[100063-0092](#) [100063-0101](#) [100063-0100](#) [100063-0097](#) [TFSDT-08-28-H-15.00-S](#) [S1SD-02-30-GF-09.00-L](#) [MMSD-02-22C-F-15.00-S-K](#)
[S1SS-02-28C-GF-02.00-L](#) [S1SDT-02-28-GF-03.00-L](#) [2-1589735-3](#) [JSM015PP2DCC23N](#) [92301-0283](#) [TCSD-22-D-26.00-01](#) [S1SST-07-30-](#)
[GF-06.00-L](#) [T2SD-20-24-L-07.87-TR-NUS](#) [DS1057-01-44A282R-30.5](#) [FFSD-06-S-17.00-01-N](#) [IDSS-03-D-20.00-T](#) [TCMD-17-S-36.00-01-](#)
[SR](#) [92301-0718](#) [839023](#) [490107670612S](#) [MMSDT-06-20-S-05.5-D-K-LDX](#) [IDD-04-G](#)