

DO NOT SCALE FROM THIS PRINT

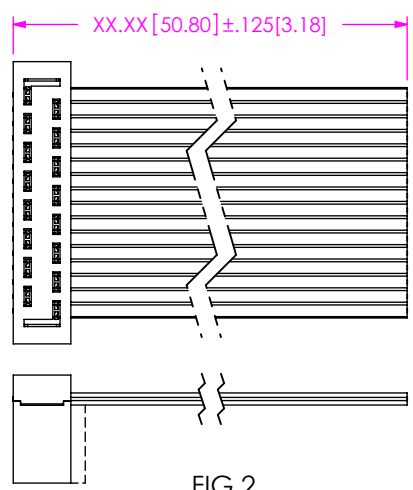


FIG 2
HCSD-08-S-XX.XX-01 SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

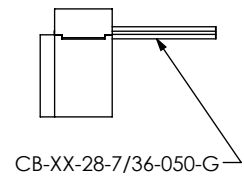


FIG 3
-G: GRAY CABLE
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

HCSD-XX-X-XX.XX-01-XXX-XXX

No OF POSITIONS
-02 THRU -36
(STANDARD COLOR CODED CABLE)
(-32 & -36 ONLY AVAILABLE WITH -G OPTION)

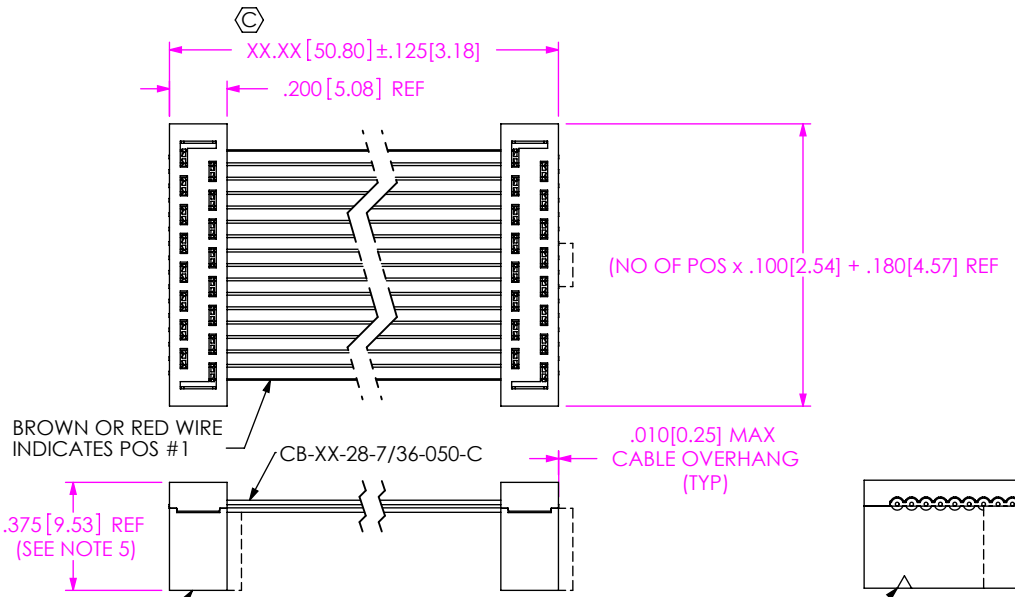
OPTION #2
(SEE FIG 3 THRU FIG 19 FOR AVAILABLE OPTIONS)
OPTION #1
(SEE FIG 3 THRU FIG 19 FOR AVAILABLE OPTIONS)
LEAD STYLE

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

ASSEMBLY LENGTH
(2 INCH MINIMUM)

-T: BRIGHT ACID TIN ON ENTIRE PIN
(USE HCSD-XX-01-TX)
LEAVE BLANK FOR 10μ" SELECTIVE GOLD IN CONTACT AREA, BRIGHT ACID TIN ON TAIL.

FIG 4
-T: TIN PLATING



BROWN OR RED WIRE INDICATES POS #1

CB-XX-28-7/36-050-C

(NO OF POS x .100 [2.54] + .180 [4.57] REF)

.375 [9.53] REF (SEE NOTE 5)

HCSD-XX-01-X

NOTCH DENOTES FIRST POSITION (SEE NOTE 8)

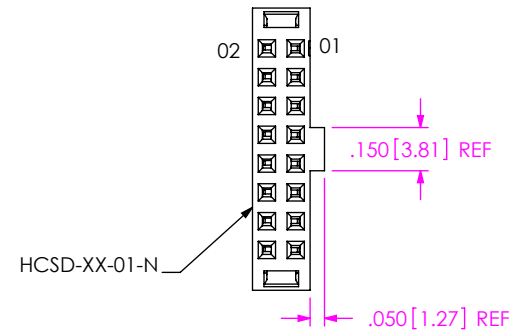


FIG 5
-N: NOTCH
(NOT AVAILABLE ON -02 POSITION)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

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

NOTES:

- ⊗ REPRESENTS A CRITICAL DIMENSION.
- HIDDEN LINES ARE USED TO SHOW POLARIZATION WHEN USING -N OPTION.
- ALL ASSEMBLIES TO BE 100% ELECTRICALLY TESTED FOR SHORTS AND OPENS
- ALL ASSEMBLIES TO BE 100% HI-POT TESTED AT 1000V.
- HCSD-XX-01-X TO BE PRESSED TOGETHER WITH NO GAPS BETWEEN CABLE & BODIES.
- CONDUCTORS SHALL BE CONSISTENT IN APPEARANCE, SOLDER MUST MAINTAIN CABLE STRANDS WITHIN THE MAX DIA. TOLERANCE.
- NOTE DELETED.
- 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 THE CABLE THICKNESS ON NON-CONSECUTIVE STRANDS IS CONSIDERED A PROCESS INDICATOR.

FIG 1
HCSD-08-D-XX.XX-01 SHOWN

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
DECIMALS ANGLES
.XX: ±.01 [.3] 1°
.XXX: ±.005 [.13]
.XXXX: ±.0020 [.051]

PROPRIETARY NOTE
THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC, INC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE OR PART, TO ANY UNAUTHORIZED PERSON OR ENTITY NOR REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC, INC.

MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 3:2
INSULATOR: LCP, UL 94 VO, COLOR: BLACK
CONTACT: PHOS BRONZE
CABLE: COLOR-CODED OR GRAY PVC/TIN PLATED COPPER

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

DESCRIPTION: .100 CL MOLD TO POS DOUBLE ROW FEMALE ASSEMBLY

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

BY: KOLB 08/03/1990 SHEET 1 OF 4

REVISION AA

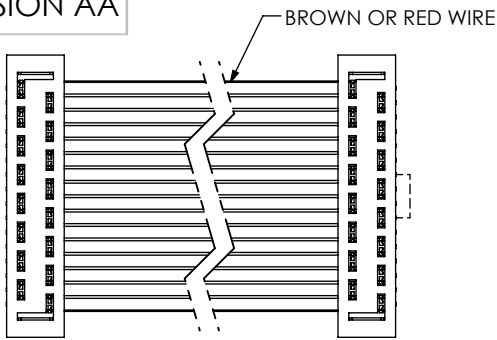


FIG 6
-RW: REVERSE WIRING
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG1)

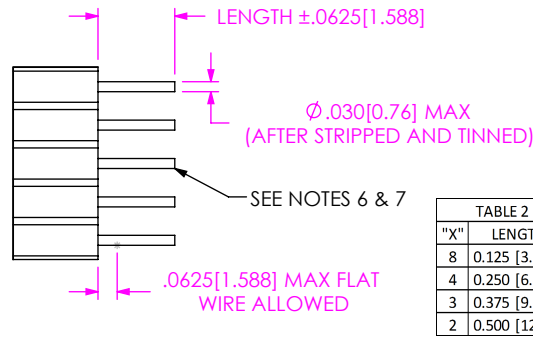


TABLE 2	
"X"	LENGTH
8	0.125 [3.18]
4	0.250 [6.35]
3	0.375 [9.53]
2	0.500 [12.70]

FIG 7
-ST"X": STRIPPED AND TINNED
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG1)
(NOT AVAILABLE IN 28 POS AND UP)

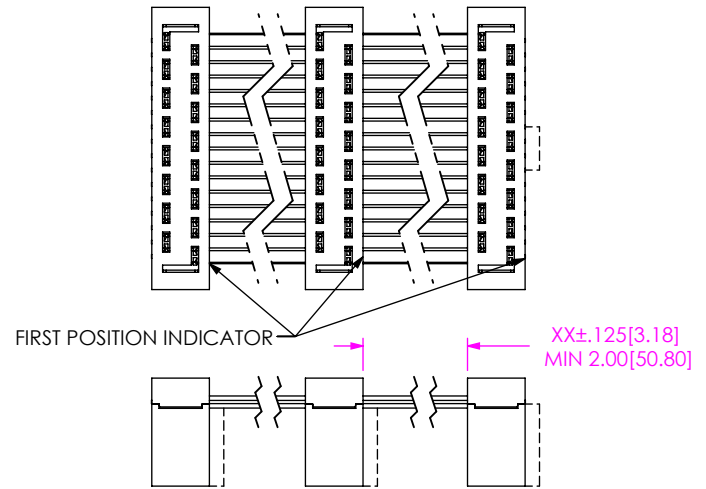


FIG 8
-D"XX": DAISY CHAIN DOUBLE
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG1)
(2 INCH MIN WITH 1 INCH INCREMENTS)

BOTH SOCKETS REVERSED
WHEN DAISY CHAINED

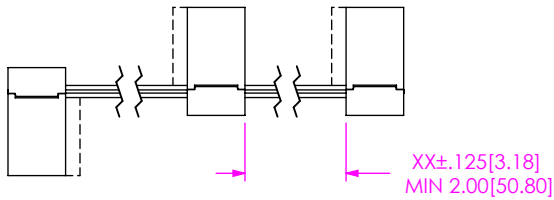
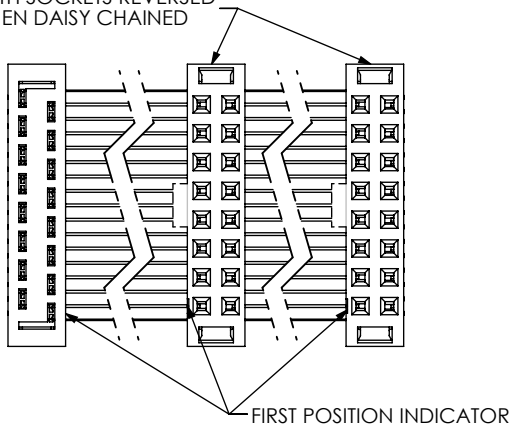


FIG 9
-R: REVERSE CONNECTOR
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG1)

MIDDLE SINGLE TO TERMINATE
TO CONDUCTOR #1

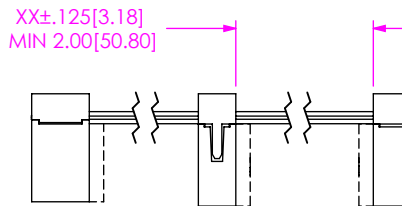
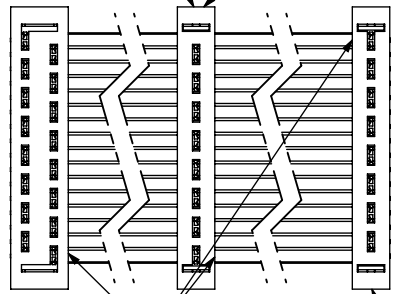


FIG 10
-W"XX": WIRING REVERSED
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG1)

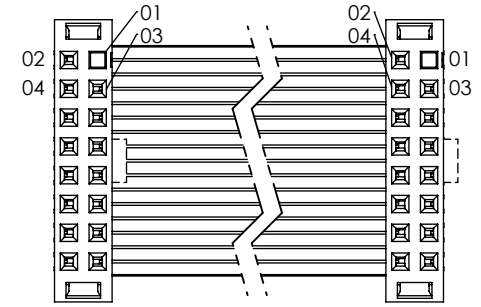


FIG 11
-P"XX": POLARIZED MATING
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG1)
XX = POSITION NO
INSERT POLARIZING KEY PART NO PK-06-N
INTO SPECIFIED POSITION -XX (BOTH ENDS)

PROPRIETARY NOTE
THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC, INC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE OR PART, TO ANY UNAUTHORIZED PERSON OR ENTITY NOR REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC, INC.



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

DO NOT SCALE DRAWING

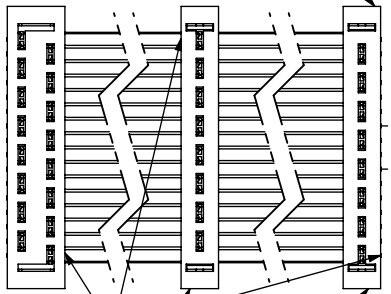
SHEET SCALE: 3:2

DESCRIPTION: .100 CL MOLD TO POS DOUBLE ROW FEMALE ASSEMBLY

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

BY: KOLB 08/03/1990 SHEET 2 OF 4

END SINGLE TO TERMINATE TO CONDUCTOR #2



FIRST POSITION INDICATOR
MIDDLE SINGLE TO TERMINATE TO CONDUCTOR #1

HCSS-XX-01-X

$XX \pm .125[3.18]$
 $MIN 2.00[50.80]$

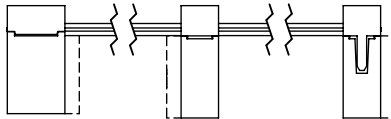
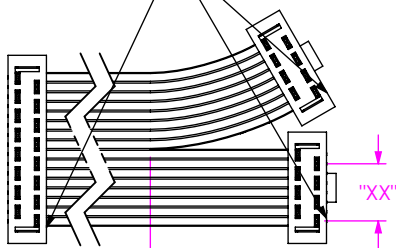


FIG 12

-S"XX": DAISY CHAIN SINGLE
(SAME AS FIG 1, DIFFERENT AS SHOWN)
2 INCH MIN WITH 1 INCH INCREMENTS
SCALE: 3:2

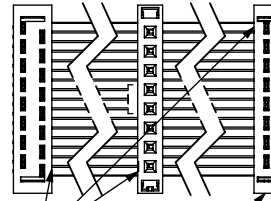
FIRST POSITION INDICATOR



$5.000[127.00] MAX$
 $2.000[50.80] MIN$

FIG 15

-BXX: BREAKOUT OPTION
(SAME AS FIG 1, DIFFERENT AS SHOWN)
"XX" = NO OF CONDUCTORS BROKEN OUT FROM THE FIRST POSITION
(HCSD-08-XX.XX-01-N-B04 SHOWN)



FIRST POSITION INDICATOR

HCSS-XX-01-X

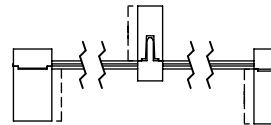
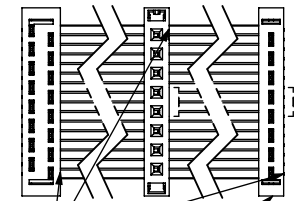


FIG 13

-W"XX"-M: MIDDLE REVERSED
(SAME AS FIG 1, DIFFERENT AS SHOWN)



FIRST POSITION INDICATOR

HCSS-XX-01-X

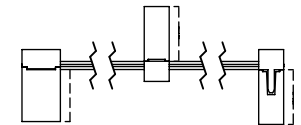
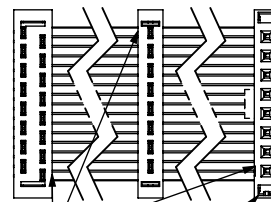


FIG 14

-S"XX"-M: MIDDLE REVERSED
(SAME AS FIG 1, DIFFERENT AS SHOWN)



FIRST POSITION INDICATOR

HCSS-XX-01-X

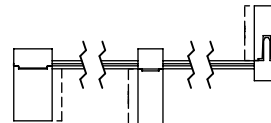
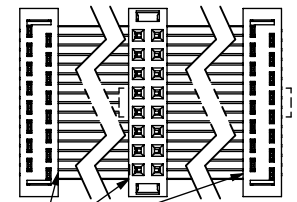


FIG 16

-S"XX"-O: OUTSIDE REVERSED
(SAME AS FIG 1, DIFFERENT AS SHOWN)



FIRST POSITION INDICATOR

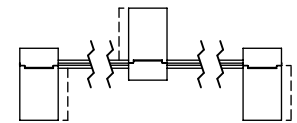


FIG 17

-D"XX"-M: MIDDLE REVERSED
(SAME AS FIG 1, DIFFERENT AS SHOWN)

PROPRIETARY NOTE

THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC, INC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE OR PART, TO ANY UNAUTHORIZED PERSON OR ENTITY NOR REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC, INC.



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

DO NOT SCALE DRAWING

SHEET SCALE: 1:1

DESCRIPTION: .100 CL MOLD TO POS DOUBLE ROW FEMALE ASSEMBLY

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

BY: KOLB 08/03/1990 SHEET 3 OF 4

REVISION AA

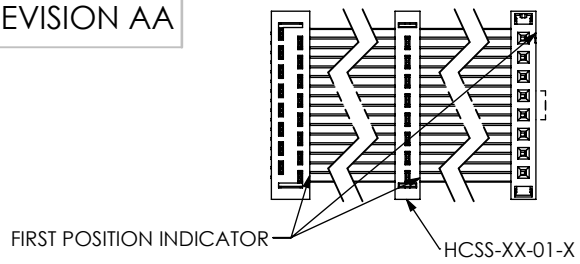


FIG 18
 -W"XX"-O: OUTSIDE REVERSED
 (SAME AS FIG 1, DIFFERENT AS SHOWN)

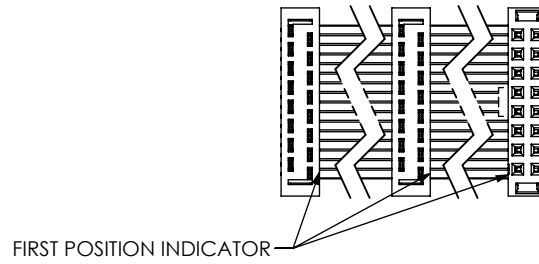


FIG 19
 -D"XX"-O: OUTSIDE REVERSED
 (SAME AS FIG 1, DIFFERENT AS SHOWN)

CRITICAL DIMENSION INSPECTION INSTRUCTION TABLE

ASSEMBLY OPERATION	IN-PROCESS INSPECTION
ASSEMBLE CB-XX-28-7/36-050-C	C1, C2

PROPRIETARY NOTE

THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC, INC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE OR PART, TO ANY UNAUTHORIZED PERSON OR ENTITY NOR REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC, INC.

DO NOT SCALE DRAWING

SHEET SCALE: 1:1



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

DESCRIPTION: .100 CL MOLD TO POS DOUBLE ROW FEMALE ASSEMBLY

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

BY: KOLB 08/03/1990 SHEET 4 OF 4