

DO NOT
SCALE FROM
THIS PRINT

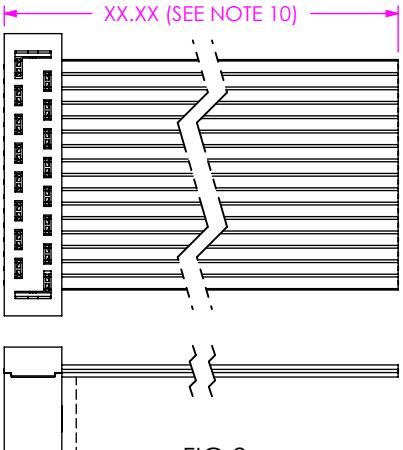


FIG 2
HCS-08-S-XX.XX-01 SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG1)

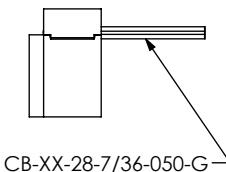


FIG 3
-G: GRAY CABLE
(DIFFERENT AS SHOWN, OTHERWISE
SAME AS FIG 1)

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)
(POSITIONS 21-36: EXISTING
CUSTOMERS ONLY)

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

ASSEMBLY LENGTH
(2 INCH MINIMUM)

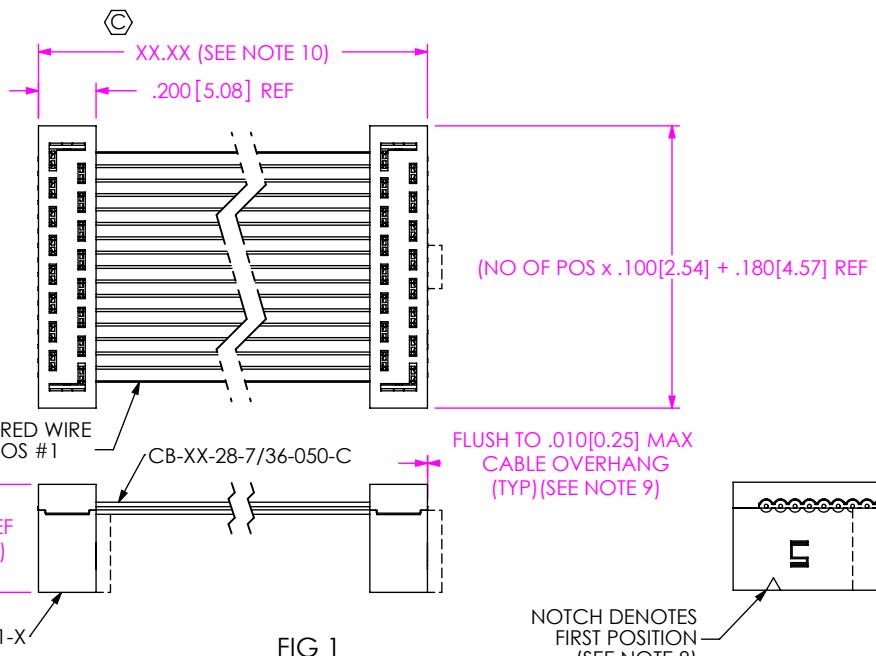


FIG 1
HCSD-08-D-XX.XX-01 SHOWN

NOTES:

- 1. REPRESENTS A CRITICAL DIMENSION.
- 2. HIDDEN LINES ARE USED TO SHOW POLARIZATION WHEN USING -N OPTION.
- 3. ALL ASSEMBLIES TO BE 100% ELECTRICALLY TESTED FOR SHORTS AND OPENS
- 4. ALL ASSEMBLIES TO BE 100% HI-POT TESTED AT 1000V.
- 5. HCSD-XX-01-X TO BE PRESSED TOGETHER WITH NO GAPS BETWEEN CABLE & BODIES.
- 6. CONDUCTORS SHALL BE CONSISTENT IN APPEARANCE, SOLDER MUST MAINTAIN CABLE STRANDS WITHIN THE MAX DIA. TOLERANCE.
- 7. NOTE DELETED.
- 8. FOR R OR RW OPTION, CABLE RIB ORIENTATION CAN BE EITHER TOWARDS OR AWAY FROM THE CAP.
- 9. 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.
- 10. FOR LENGTHS LESS THAN 12.5", TOLERANCE SHALL BE $\pm .125$ [3.18], ALL OTHER LENGTHS SHALL BE $\pm 1\%$

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
DECIMALS ANGLES
.XX: ± 0.01 [.3] 1°
.XXX: ± 0.005 [.13]
.XXXX: ± 0.0020 [.051]

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

* **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 ANOTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC, INC.

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

Samtec

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

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

○

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

KOLB 08/03/1990

SHEET 1 OF 4

REVISION AD

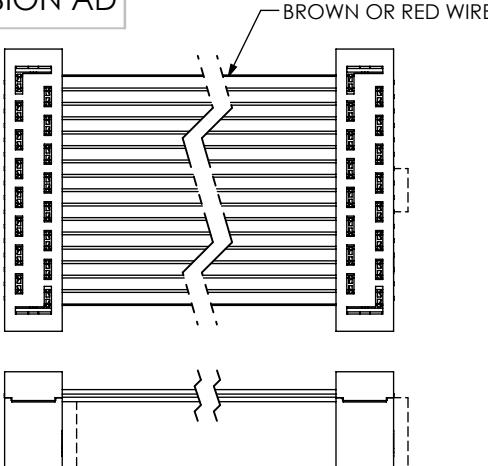


FIG 6
-RW: REVERSE WIRING
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG1)

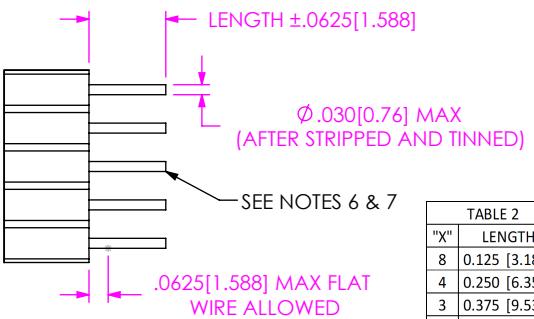


FIG 7
-ST'X': STRIPPED AND TINNED
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG1)
(NOT AVAILABLE IN 28 POS AND UP)

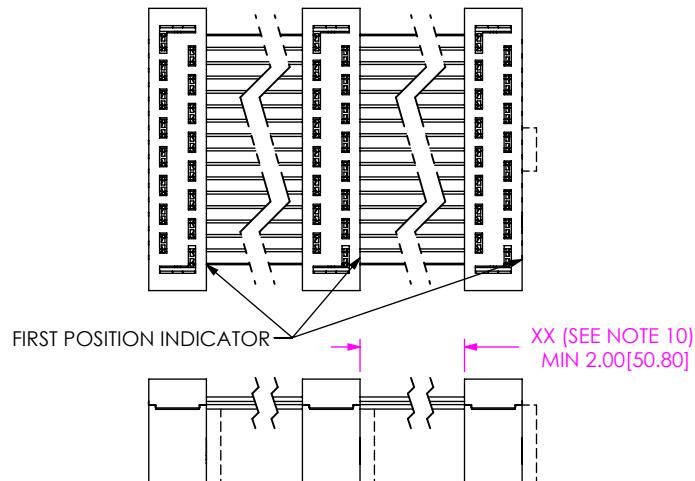


FIG 8
-D'XX': DAISY CHAIN DOUBLE
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG1)
(2 INCH MIN WITH 1 INCH INCREMENTS)

BOTH SOCKETS REVERSED
WHEN DAISY CHAINED

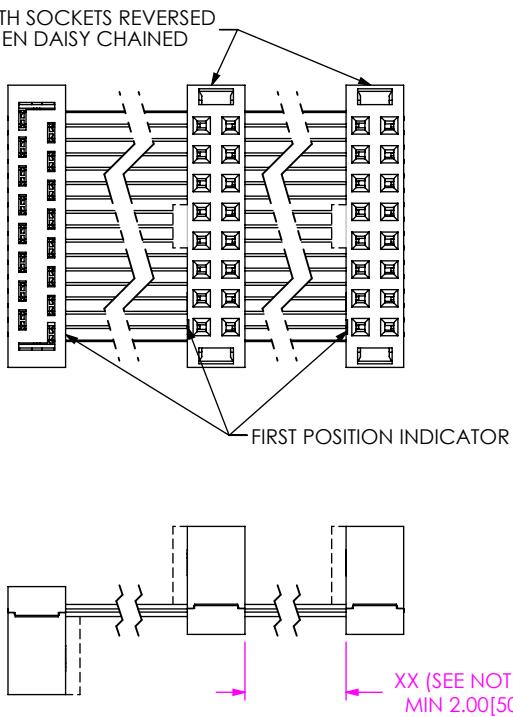
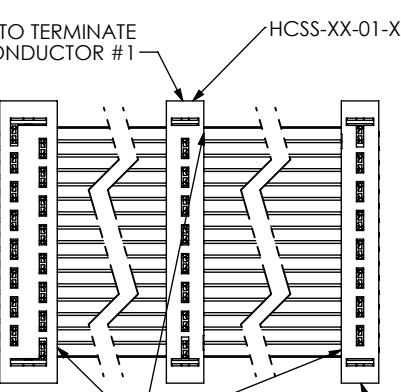


FIG 9
-R: REVERSE CONNECTOR
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG1)

MIDDLE SINGLE TO TERMINATE
TO CONDUCTOR #1



FIRST POSITION INDICATOR

END SINGLE TO TERMINATE
TO CONDUCTOR #2

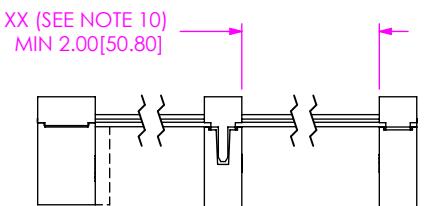


FIG 10
-W"XX": WIRING REVERSED
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG1)

* 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.

DO NOT SCALE DRAWING
SHEET SCALE: 3:2

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: .100 CL MOLD TO POS DOUBLE
ROW FEMALE ASSEMBLY

DWG. NO.
HCS-D-XX-X-XX.XX-01-XXX-XXX

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

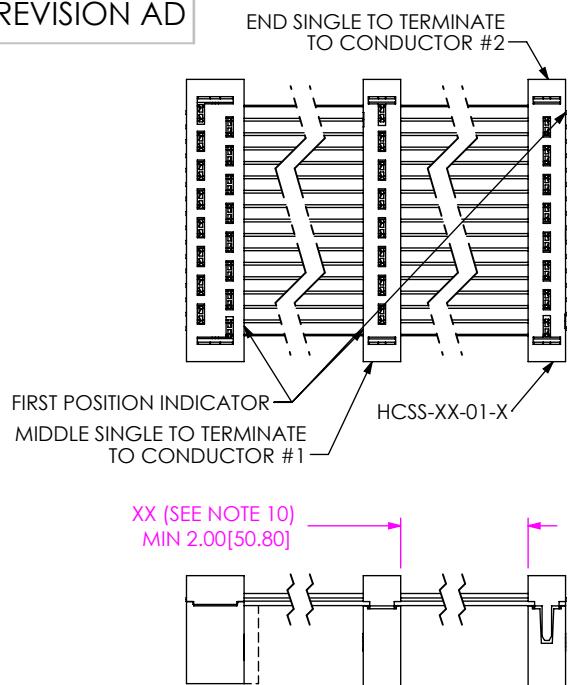


FIG 12
-S"XX": DAISY CHAIN SINGLE
(SAME AS FIG 1, DIFFERENT AS SHOWN)
(2 INCH MIN WITH 1 INCH INCREMENTS)
SCALE: 3:2

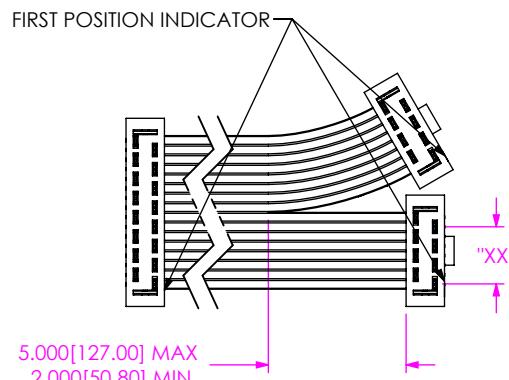


FIG 15
-BXX: BREAKOUT OPTION
(SAME AS FIG 1, DIFFERENT AS SHOWN)
"XX" = NO OF CONDUCTORS BROKEN
OUT FROM THE FIRST POSITION
(HCS-08-XX.XX-01-N-B04 SHOWN)

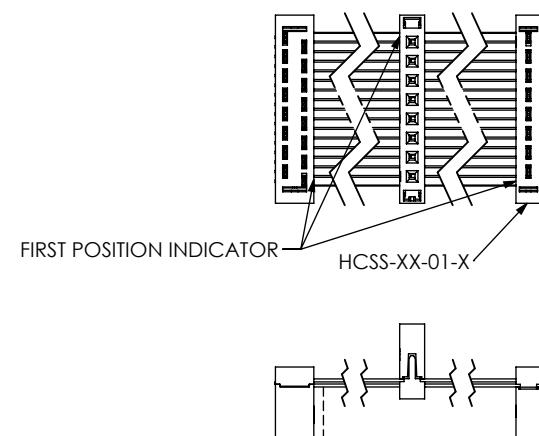


FIG 13
-W"XX"-M: MIDDLE REVERSED
(SAME AS FIG 1, DIFFERENT AS SHOWN)

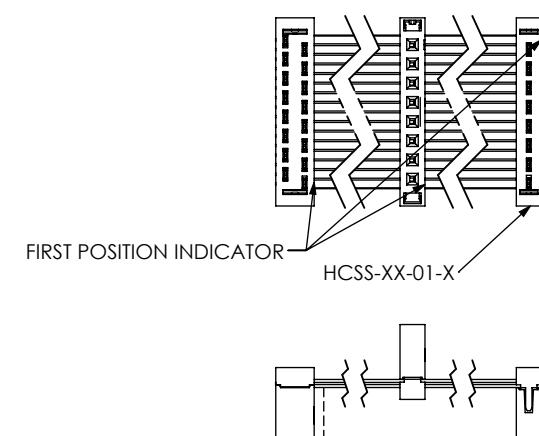


FIG 14
-S"XX"-M: MIDDLE REVERSED
(SAME AS FIG 1, DIFFERENT AS SHOWN)

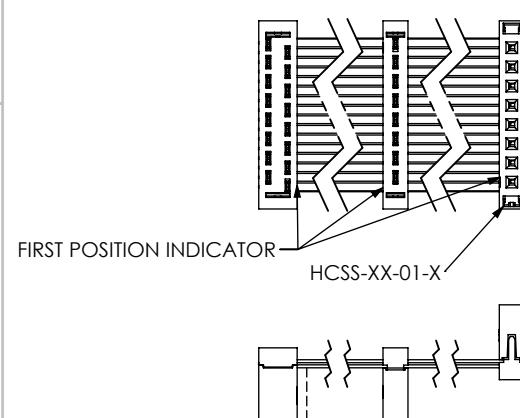


FIG 16
-S"XX"-O: OUTSIDE REVERSED
(SAME AS FIG 1, DIFFERENT AS SHOWN)

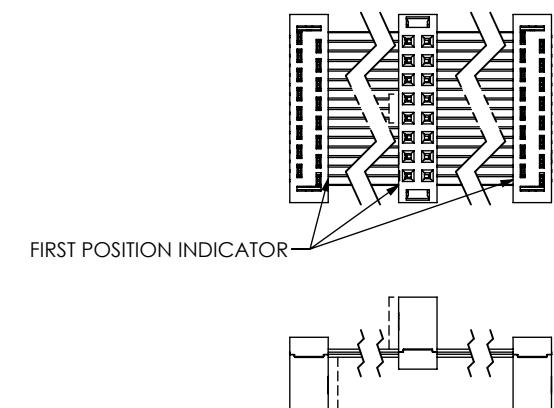


FIG 17
-D"XX"-M: MIDDLE REVERSED
(SAME AS FIG 1, DIFFERENT AS SHOWN)

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.	
DO NOT SCALE DRAWING	
SHEET SCALE: 1:1	

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: .100 CL MOLD TO POS DOUBLE ROW FEMALE ASSEMBLY

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

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

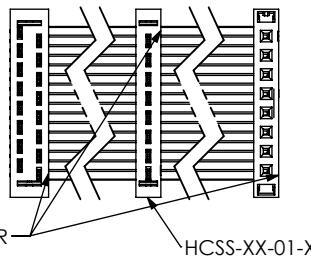


FIG 18
-W"XX"-O: OUTSIDE REVERSED
(SAME AS FIG 1, DIFFERENT AS SHOWN)

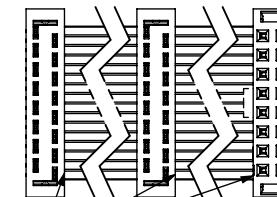


FIG 19
-D"XX"-O: OUTSIDE REVERSED
(SAME AS FIG 1, DIFFERENT AS SHOWN)

* 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

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: .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