

No OF POSITIONS _____
 -02 THRU -36
 (STANDARD COLOR
 CODED CABLE)
 (-32 & -36 ONLY AVAILABLE
 WITH -G OPTION)
 (POSITIONS 21-36: EXISTING
 CUSTOMERS ONLY)

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

— ASSEMBLY LENGTH
(2 INCH MINIMUM)

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

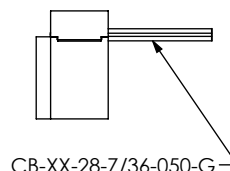
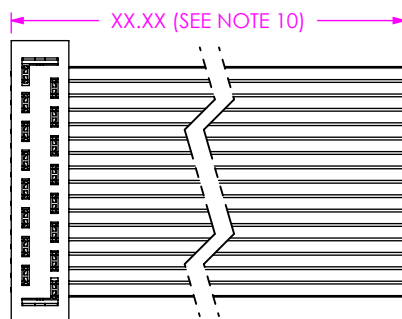


FIG 3
-G: GRAY CABLE
(DIFFERENT AS SHOWN, OTHERWISE
SAME AS FIG 1)

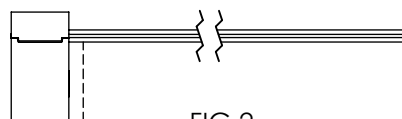
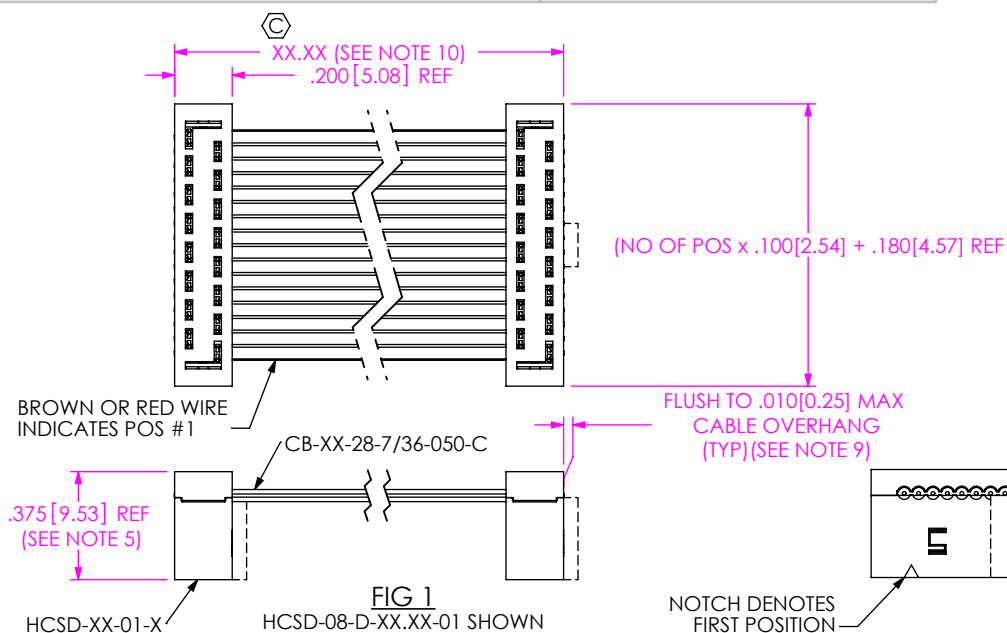


FIG 2
HCSD-08-S-XX.XX-01 SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG1)



-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

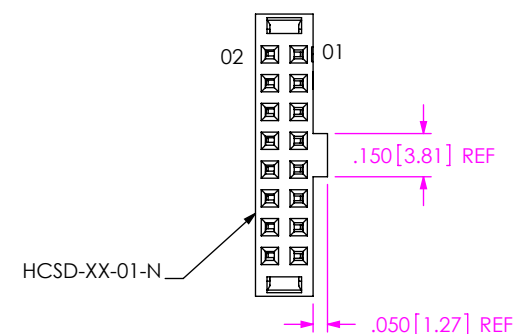


FIG 5
-N: NOTCH
(NOT AVAILABLE ON -02 POSITION)
(DIFFERENT AS SHOWN, OTHERWISE
SAME AS FIG1)

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

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 $\pm 1\%$.
11. PACKAGE -STX USING SKIN PACKAGING PER THE PACKAGING MANUAL. FOLLOW THE IDC FLOW CHART IN THE MANUAL FOR ALL OTHER OPTIONS.
12. ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.

DECIMALS	ANGLES
.XX: $\pm .01$ [.3]	1°
.XXX: $\pm .005$ [.13]	
.XXXX: $\pm .0020$ [.051]	

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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

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e-Mail info@SAMTEC.com code 55322

DESCRIPTION:	.100 CL MOLD TO POS DOUBLE ROW FEMALE ASSEMBLY
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DWG. NO. HCSD-XX-X-XX.XX-01-XXX-XXX

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

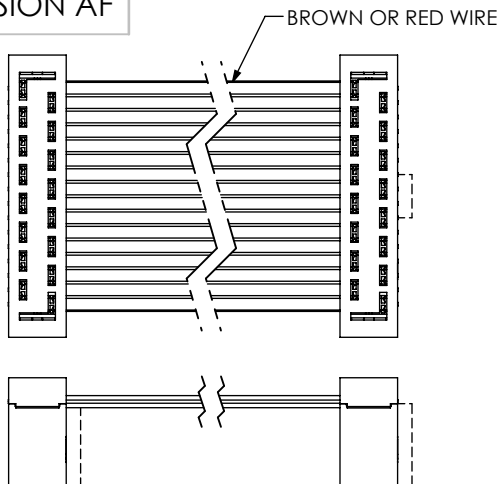


FIG 6
-RW: REVERSE WIRING
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG1)

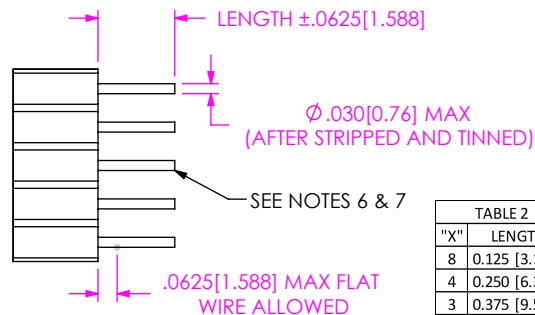


TABLE 2	
"X"	LENGTH
8	0.125 [3.18]
4	0.250 [6.35]
3	0.375 [9.53]
2	0.500 [12.70]

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

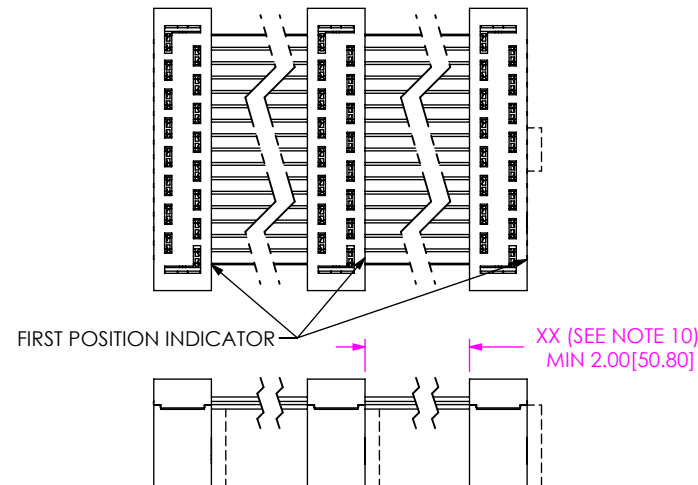


FIG 8
-D"XX": DAISY CHAIN DOUBLE
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG1)
(2 INCH MIN WITH 1 INCH INCREMENTS)

BOTH SOCKETS REVERSED
WHEN DAISY CHAINED

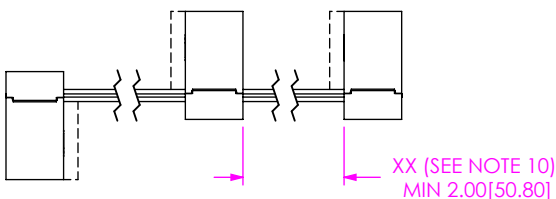
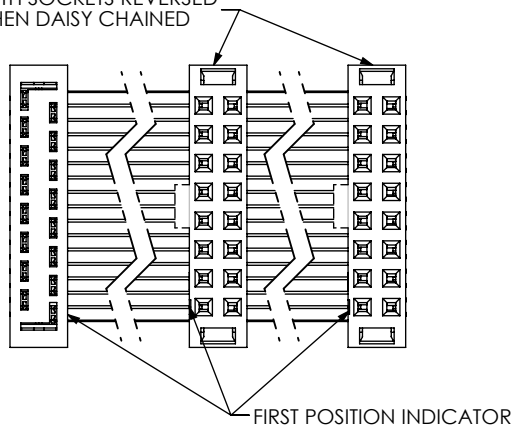


FIG 9
-R: REVERSE CONNECTOR
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG1)

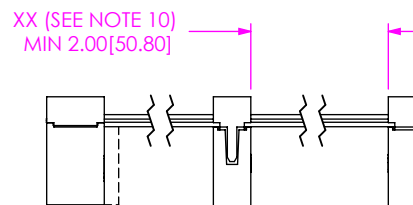
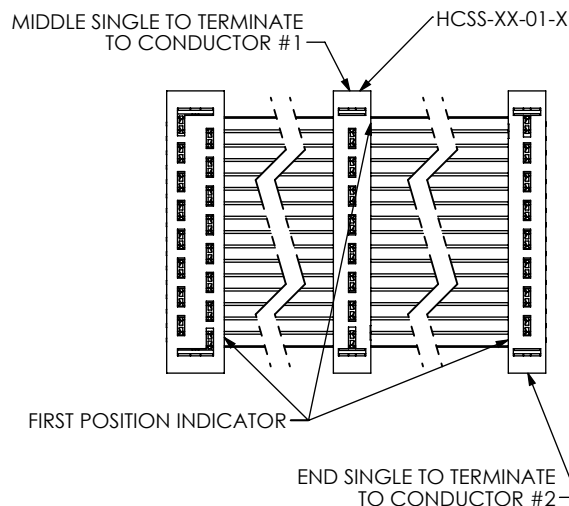


FIG 10
-W"XX": WIRING REVERSED
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG1)

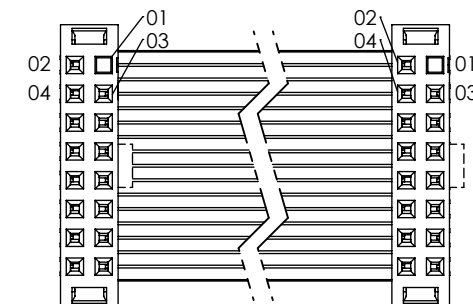


FIG 11
-P"XX": POLARIZED MATING
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG1)
XX = POSITION NO
INSERT POLARIZING KEY PART NO PK-06-N
INTO SPECIFIED POSITION -XX (BOTH ENDS)

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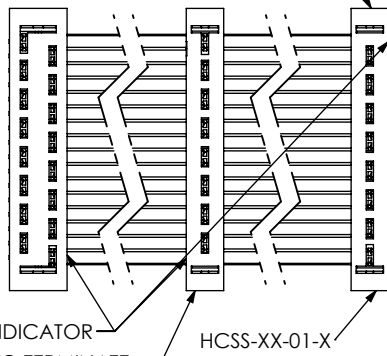
SHEET SCALE: 3:2

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

END SINGLE TO TERMINATE
TO CONDUCTOR #2



FIRST POSITION INDICATOR

MIDDLE SINGLE TO TERMINATE
TO CONDUCTOR #1

HCSS-XX-01-X

XX (SEE NOTE 10)
MIN 2.00[50.80]

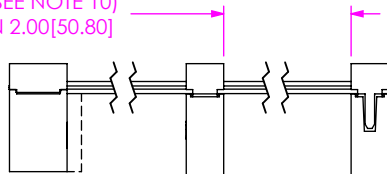
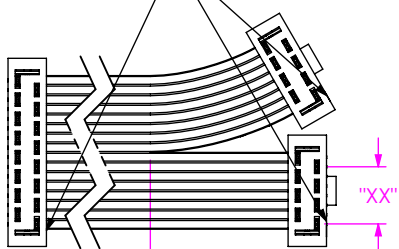


FIG 12

-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

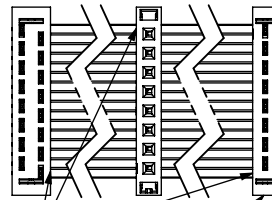
FIG 15

-BXX: BREAKOUT OPTION

(SAME AS FIG 1, DIFFERENT AS SHOWN)

"XX"= NO OF CONDUCTORS PER ROW BROKEN OUT FROM THE FIRST
POSITION AND THE BREAKOUT ENDS MUST BE EQUAL TO
THE FULL POSITION CONNECTOR.

FOR THE BXX OPTION WITH STX, XX EQUAL NUMBER OF TOTAL
CONDUCTORS BROKEN OUT FROM THE FIRST POSITION.
(HCSD-08-XX.XX-01-N-B04 SHOWN)



FIRST POSITION INDICATOR

HCSS-XX-01-X

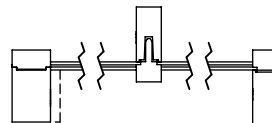
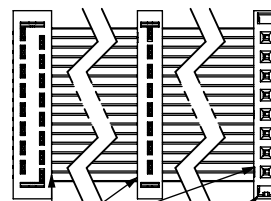


FIG 13

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



FIRST POSITION INDICATOR

HCSS-XX-01-X

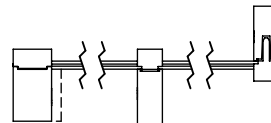
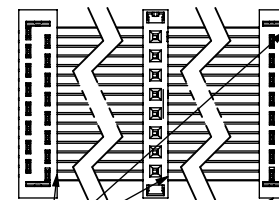


FIG 16

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



FIRST POSITION INDICATOR

HCSS-XX-01-X

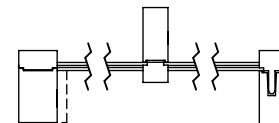
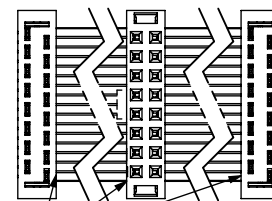


FIG 14

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



FIRST POSITION INDICATOR

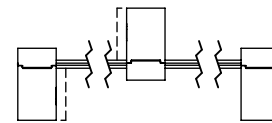


FIG 17

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

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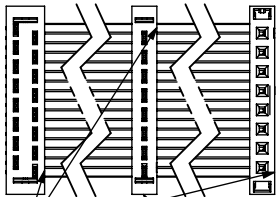
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ROW FEMALE ASSEMBLY

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

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



FIRST POSITION INDICATOR

HCSS-XX-01-X

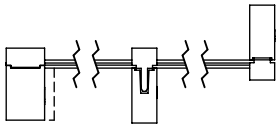
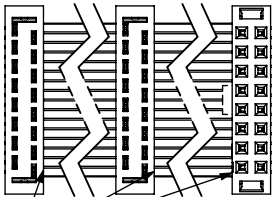


FIG 18
-W"XX"-O: OUTSIDE REVERSED
(SAME AS FIG 1, DIFFERENT AS SHOWN)



FIRST POSITION INDICATOR

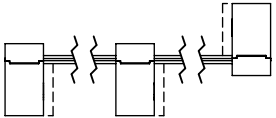



FIG 19
-D"XX"-O: OUTSIDE REVERSED
(SAME AS FIG 1, DIFFERENT AS SHOWN)

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SHEET SCALE: 1:1		DWG. NO. HCSD-XX-X-XX.XX-01-XXX-XXX	
		BY: KOLB	08/03/1990 SHEET 4 OF 4

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