

DO NOT SCALE FROM THIS PRINT

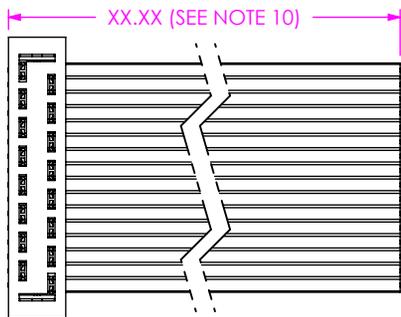


FIG 2
HCSD-08-S-XX.XX-01 SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG1)

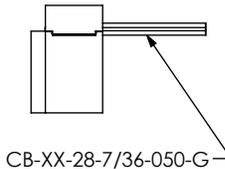


FIG 3
-G: GRAY CABLE
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG1)

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

ASSEMBLY LENGTH
(2 INCH MINIMUM)

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

-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

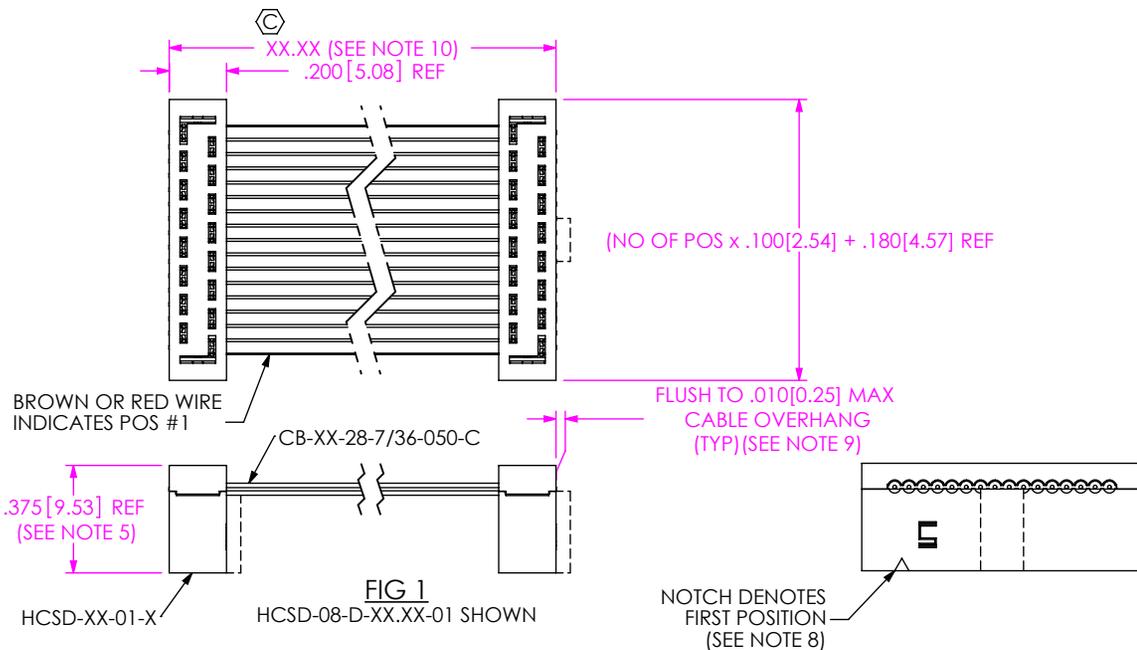


FIG 1
HCSD-08-D-XX.XX-01 SHOWN

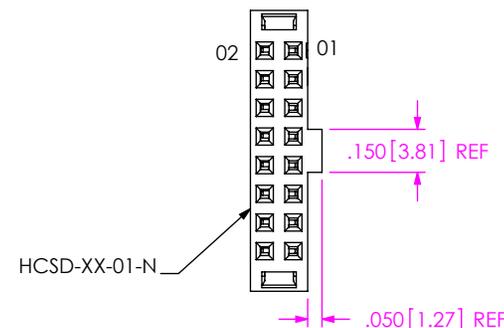


FIG 5
-N: NOTCH
(NOT AVAILABLE ON -02 POSITION)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG1)

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

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 ±.125[3.18], ALL OTHER LENGTHS SHALL BE ±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.

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

520 PARK EAST BLVD. NEW ALBANY, IN 47150
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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 AF

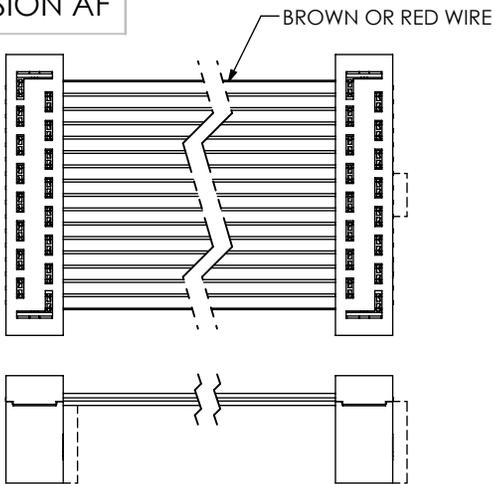


FIG 6

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

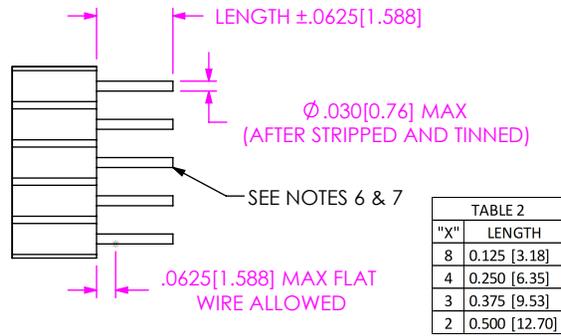


FIG 7

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

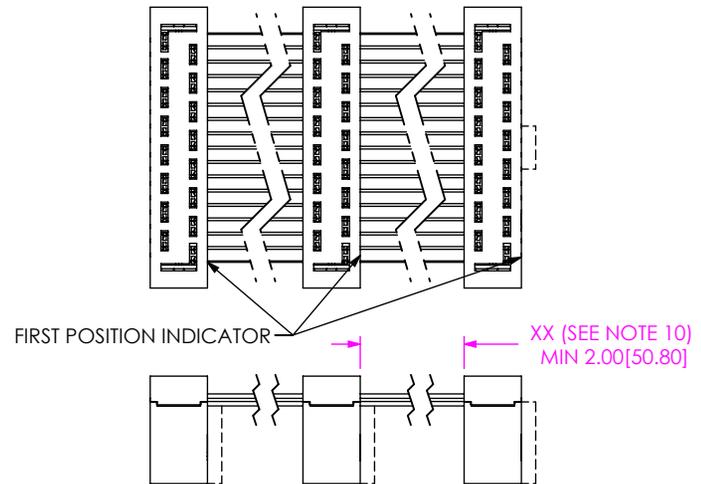


FIG 8

-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

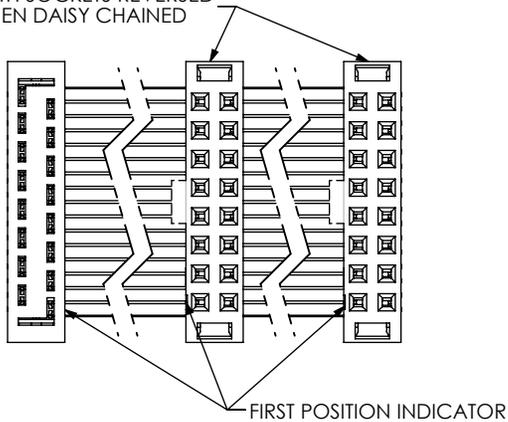


FIG 9

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

MIDDLE SINGLE TO TERMINATE
TO CONDUCTOR #1

HCSS-XX-01-X

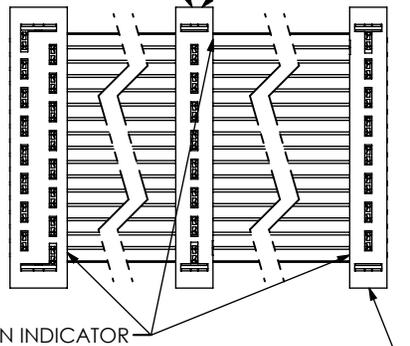
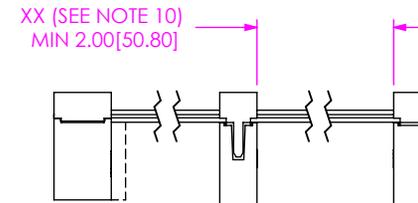


FIG 10



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

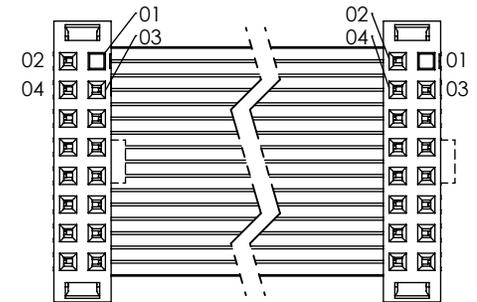


FIG 11

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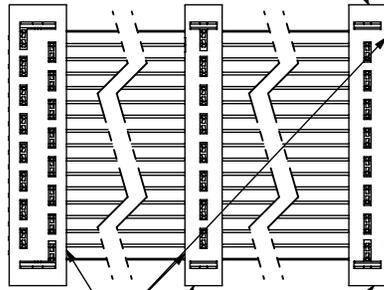
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DESCRIPTION: .100 CL MOLD TO POS DOUBLE ROW FEMALE ASSEMBLY

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

BY: KOLB 08/03/1990 SHEET 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]

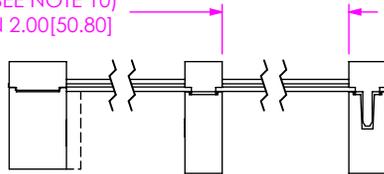
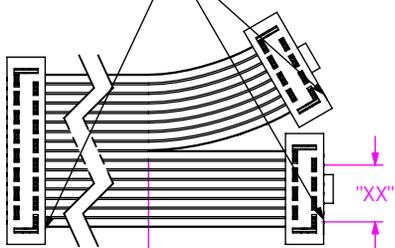


FIG 12

-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

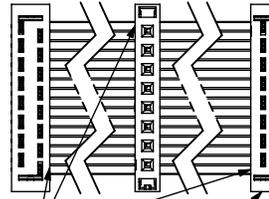
FIG 15

-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

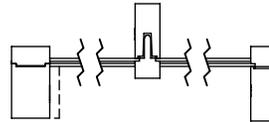
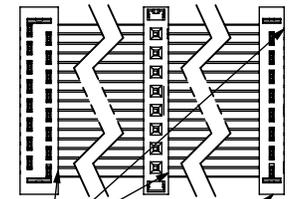


FIG 13

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



FIRST POSITION INDICATOR

HCSS-XX-01-X

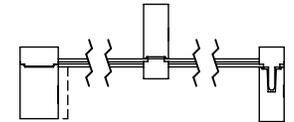
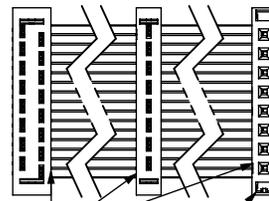


FIG 14

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



FIRST POSITION INDICATOR

HCSS-XX-01-X

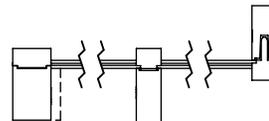
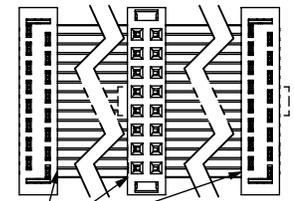


FIG 16

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



FIRST POSITION INDICATOR

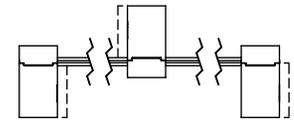


FIG 17

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

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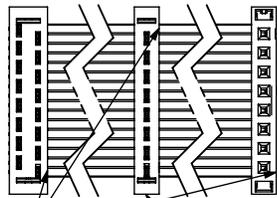
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DESCRIPTION: .100 CL MOLD TO POS DOUBLE ROW FEMALE ASSEMBLY

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

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



FIRST POSITION INDICATOR

HCSS-XX-01-X

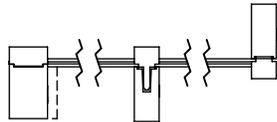
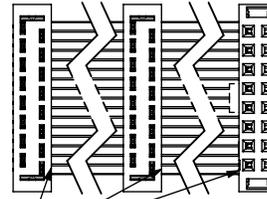


FIG 18

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



FIRST POSITION INDICATOR

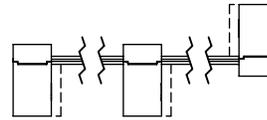


FIG 19

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

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SHEET SCALE: 1:1



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