

DO NOT SCALE FROM THIS PRINT

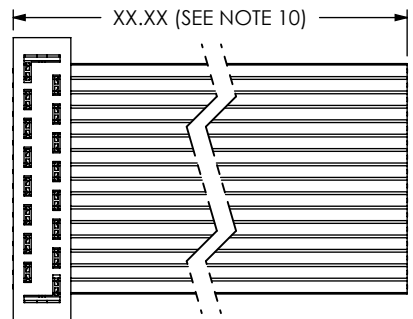
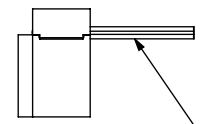


FIG 2
HCSD-08-S-XX.XX-01 SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)



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

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)

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

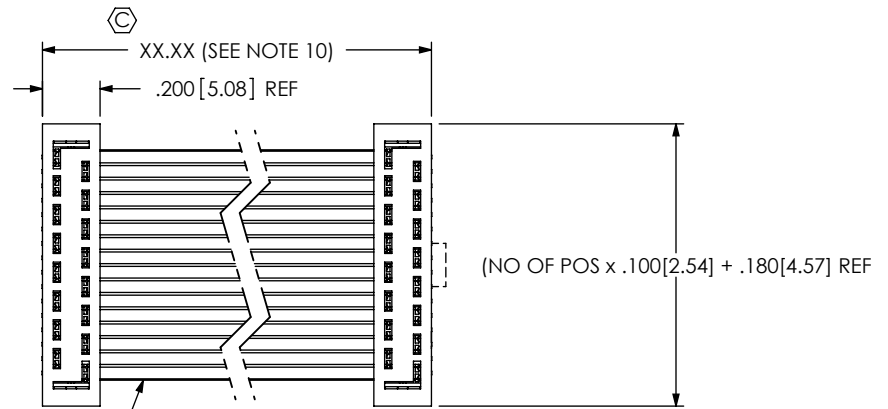
LEAD STYLE

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



BROWN OR RED WIRE INDICATES POS #1
CB-XX-28-7/36-050-C
.010 [0.25] MAX CABLE OVERHANG (TYP)

.375 [9.53] REF (SEE NOTE 5)

HCSD-XX-01-X

NOTCH DENOTES FIRST POSITION (SEE NOTE 8)

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

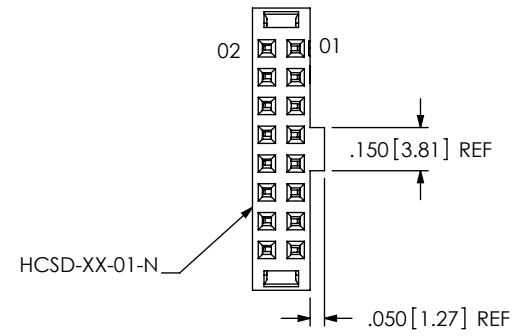


FIG 5
-N: NOTCH
(NOT AVAILABLE ON -02 POSITION)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

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%.

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

samtec
520 PARK EAST BLVD, NEW ALBANY, IN 47150
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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 1 OF 4

REVISION AC

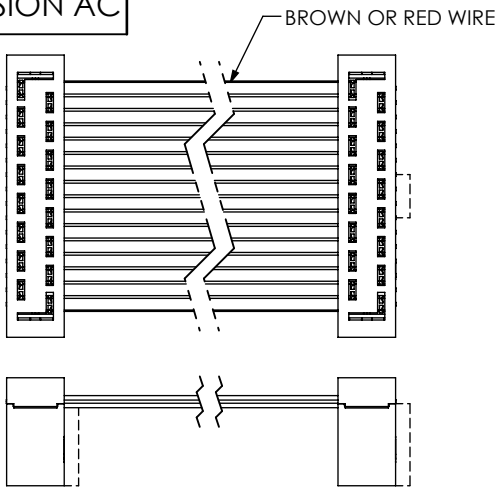


FIG 6

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

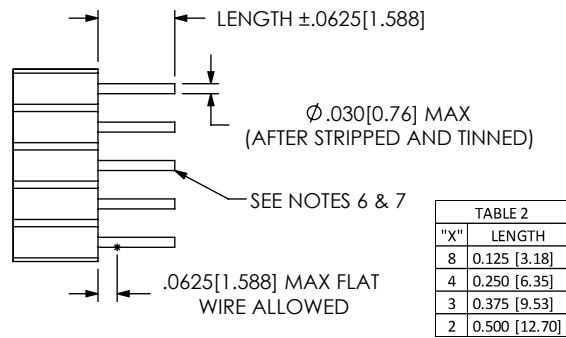


FIG 7

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

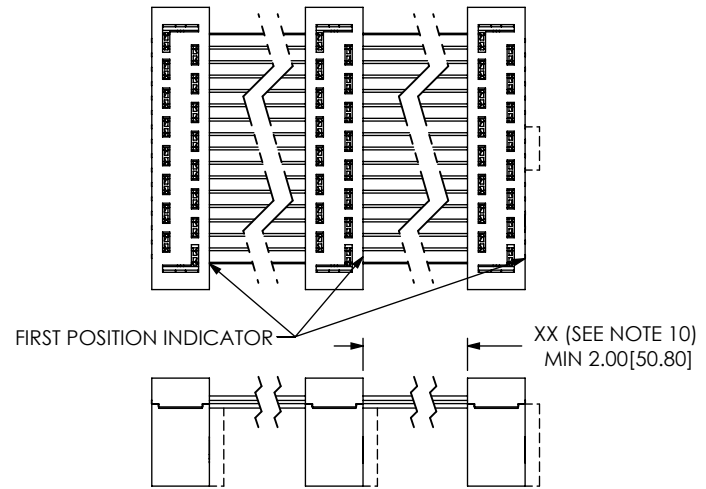


FIG 8

-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

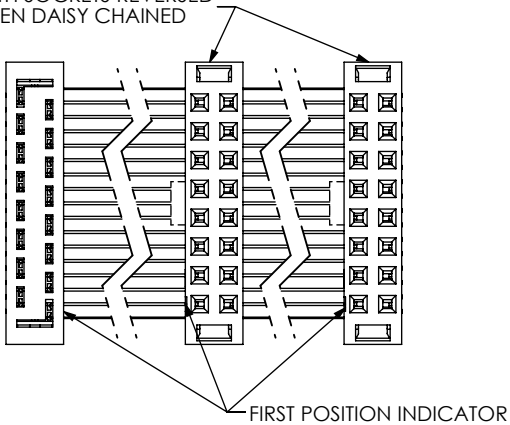
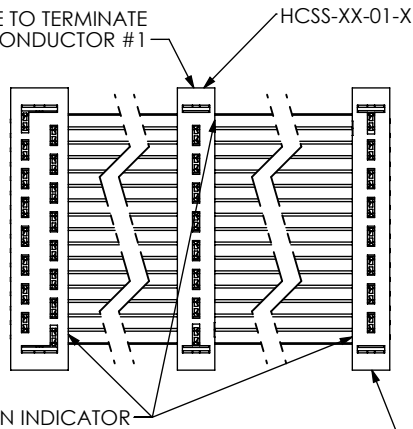


FIG 9

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

MIDDLE SINGLE TO TERMINATE
TO CONDUCTOR #1



END SINGLE TO TERMINATE
TO CONDUCTOR #2

FIG 10

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

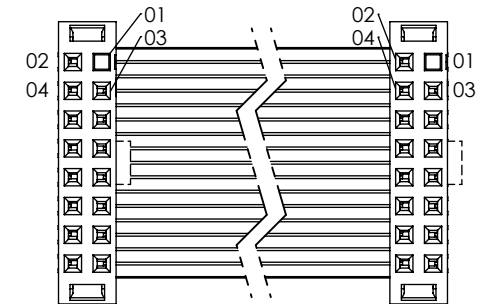


FIG 11

-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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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

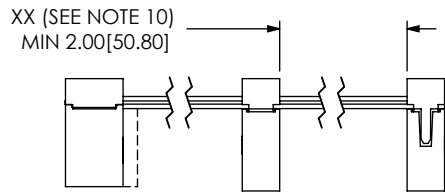
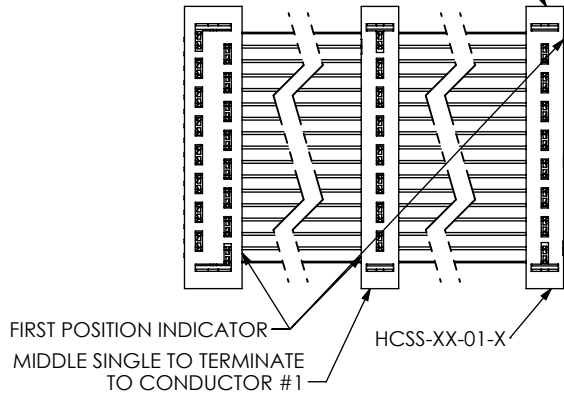


FIG 12
-S"XX": DAISY CHAIN SINGLE
(SAME AS FIG 1, DIFFERENT AS SHOWN)
2 INCH MIN WITH 1 INCH INCREMENTS
SCALE: 3:2

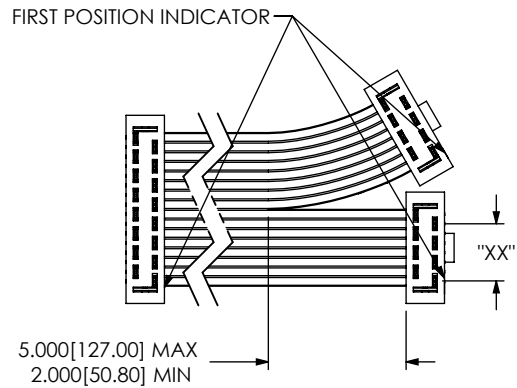


FIG 15
-BXX: BREAKOUT OPTION
(SAME AS FIG 1, DIFFERENT AS SHOWN)
"XX" = NO OF CONDUCTORS BROKEN OUT FROM THE FIRST POSITION
(HCSD-08-XX.XX-01-N-B04 SHOWN)

FIRST POSITION INDICATOR

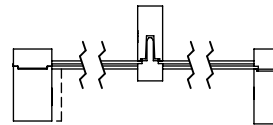
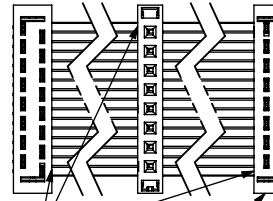


FIG 13
-W"XX"-M: MIDDLE REVERSED
(SAME AS FIG 1, DIFFERENT AS SHOWN)

FIRST POSITION INDICATOR

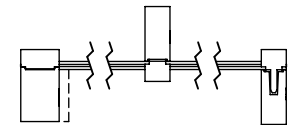
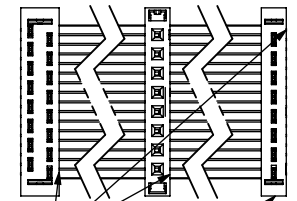


FIG 14
-S"XX"-M: MIDDLE REVERSED
(SAME AS FIG 1, DIFFERENT AS SHOWN)

FIRST POSITION INDICATOR

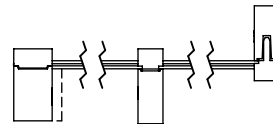
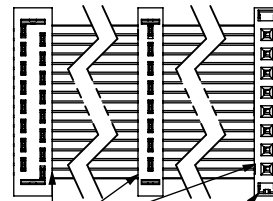


FIG 16
-S"XX"-O: OUTSIDE REVERSED
(SAME AS FIG 1, DIFFERENT AS SHOWN)

FIRST POSITION INDICATOR

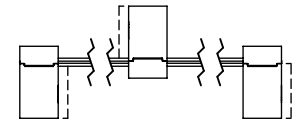
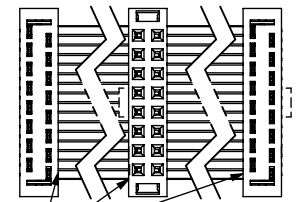


FIG 17
-D"XX"-M: MIDDLE REVERSED
(SAME AS FIG 1, DIFFERENT AS SHOWN)

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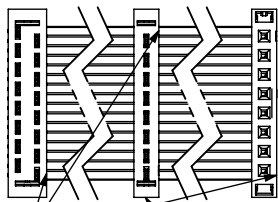
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DWG. NO. HCSD-XX-X-XX.XX-01-XXX-XXX

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FIRST POSITION INDICATOR

HCSS-XX-01-X

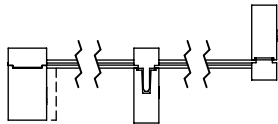
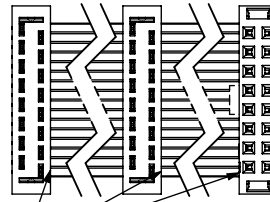


FIG 18

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



FIRST POSITION INDICATOR

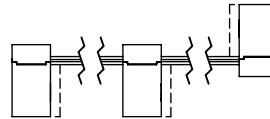


FIG 19

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

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