

REVISION Z

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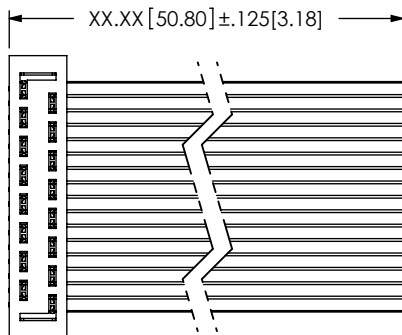


FIG 2
HCSD-08-S-XX.XX-01 SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG1)

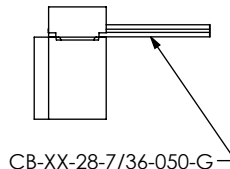


FIG 3
-G: GRAY CABLE
(DIFFERENT AS SHOWN, OTHERWISE
SAME AS FIG1)

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)

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

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

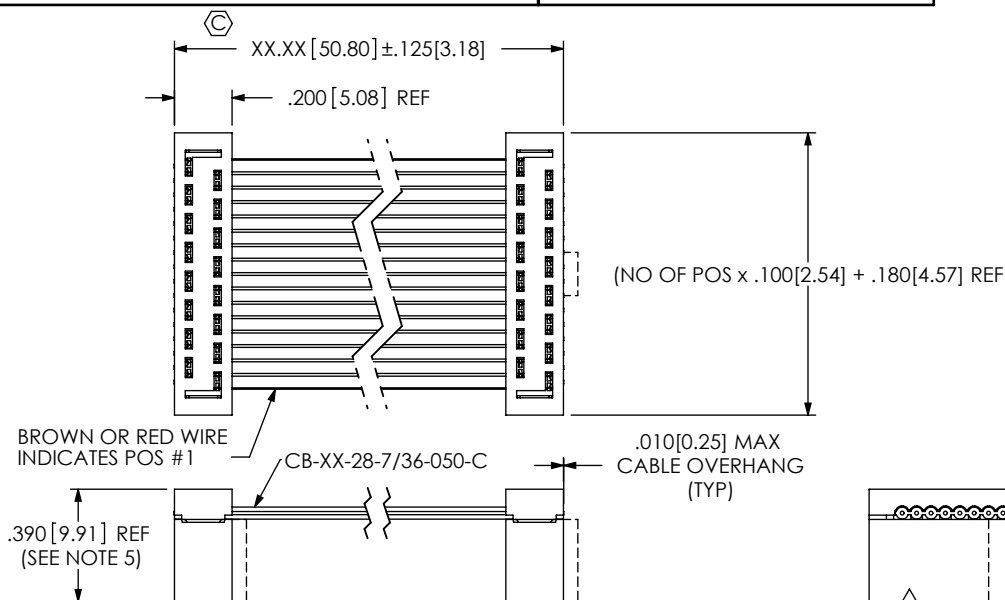
LEAD STYLE

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

.010 [0.25] MAX
CABLE OVERHANG
(TYP)

.390 [9.91] REF
(SEE NOTE 5)

HCSD-XX-01-X

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

NOTCH DENOTES
FIRST POSITION
(SEE NOTE 8)

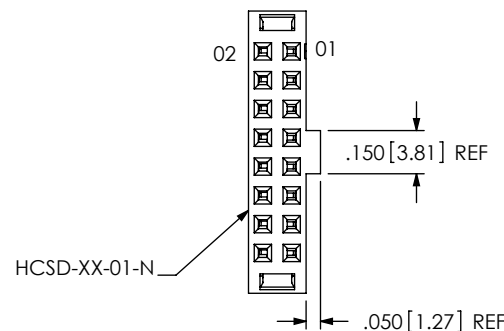


FIG 5
-N: NOTCH
(NOT AVAILABLE ON -02 POSITION)
(DIFFERENT AS SHOWN, OTHERWISE
SAME AS FIG1)

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.

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

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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 Z

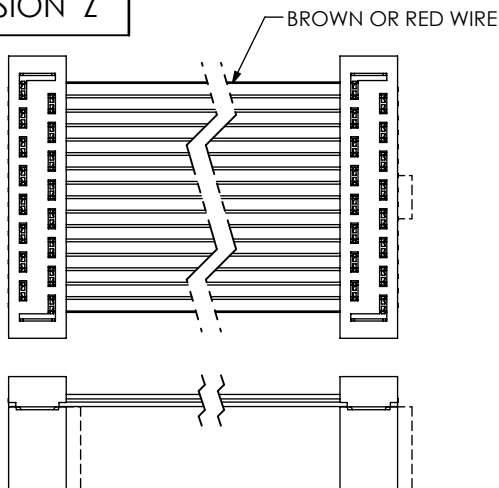


FIG 6
-RW: REVERSE WIRING
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG1)

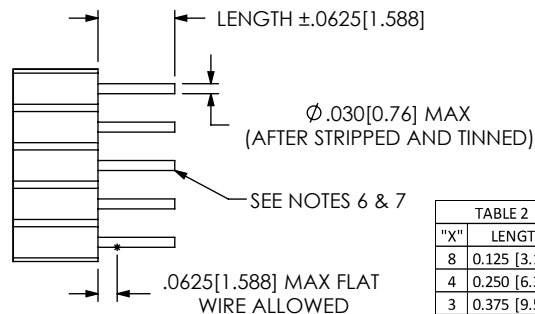


FIG 7
-ST"X": STRIPPED AND TINNED
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG1)
(NOT AVAILABLE IN 28 POS AND UP)

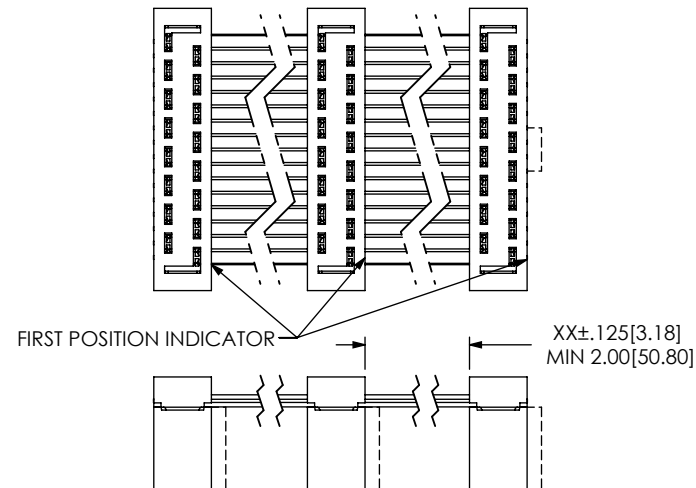


FIG 8
-D"XX": DAISY CHAIN DOUBLE
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG1)
(2 INCH MIN WITH 1 INCH INCREMENTS)

BOTH SOCKETS REVERSED
WHEN DAISY CHAINED

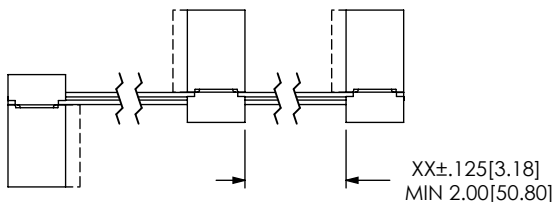
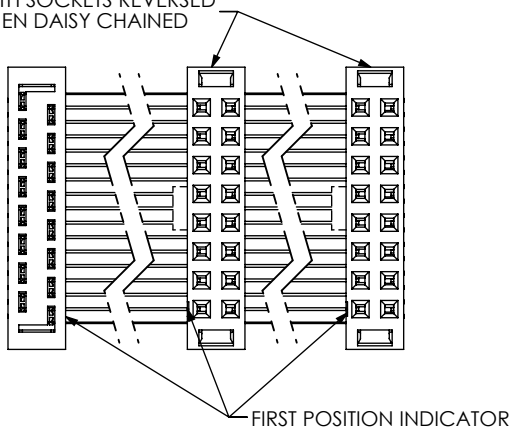


FIG 9
-R: REVERSE CONNECTOR
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG1)

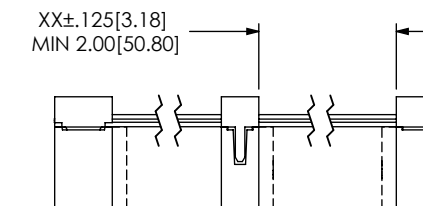
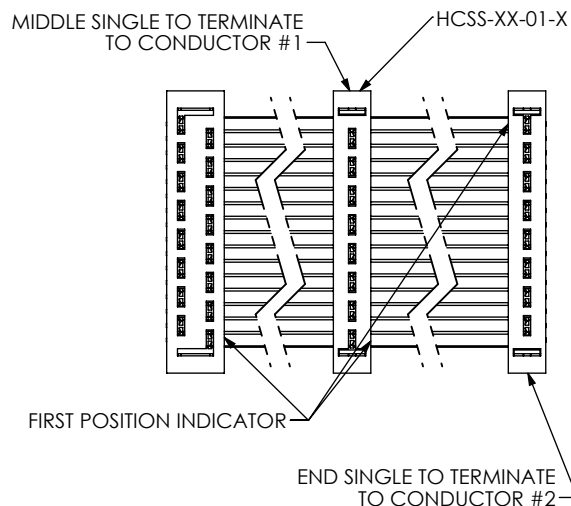


FIG 10
-W"XX": WIRING REVERSED
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG1)

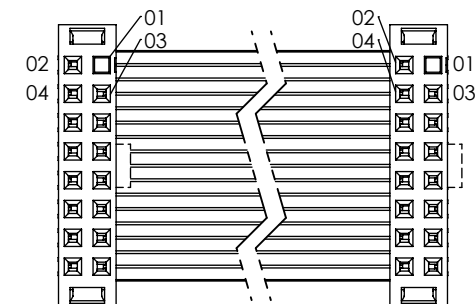


FIG 11
-P"XX": POLARIZED MATING
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG1)
XX = POSITION NO
INSERT POLARIZING KEY PART NO PK-06-N
INTO SPECIFIED POSITION -XX (BOTH ENDS)

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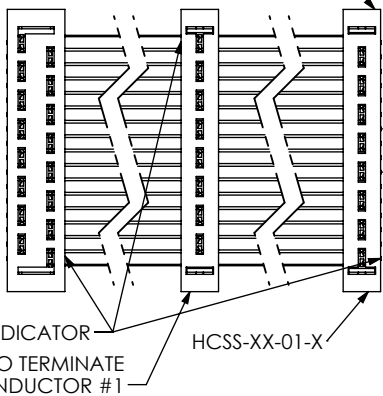
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PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code 55322

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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



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

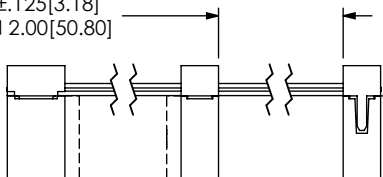


FIG 12
-S'XX': DAISY CHAIN SINGLE
(SAME AS FIG 1, DIFFERENT AS SHOWN)
(2 INCH MIN WITH 1 INCH INCREMENTS)
SCALE: 3:2

FIRST POSITION INDICATOR

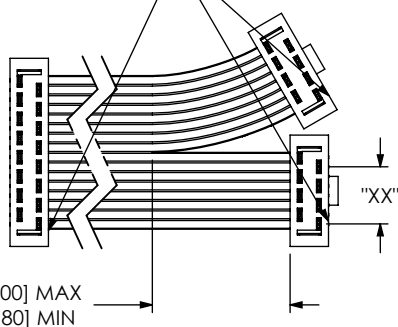


FIG 15
-BXX: BREAKOUT OPTION
(SAME AS FIG 1, DIFFERENT AS SHOWN)
"XX" = NO OF CONDUCTORS BROKEN
OUT FROM THE FIRST POSITION
(HCSD-08-XX.XX-01-N-B04 SHOWN)

FIRST POSITION INDICATOR

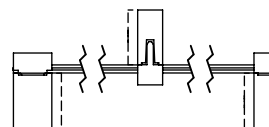
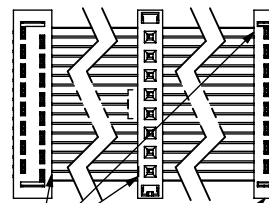


FIG 13
-W'XX'-M: MIDDLE REVERSED
(SAME AS FIG 1, DIFFERENT AS SHOWN)

FIRST POSITION INDICATOR

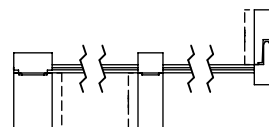
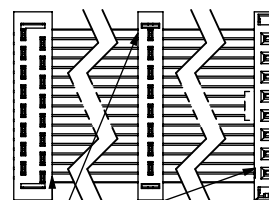


FIG 16
-S'XX'-O: OUTSIDE REVERSED
(SAME AS FIG 1, DIFFERENT AS SHOWN)

FIRST POSITION INDICATOR

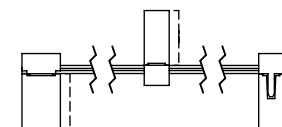
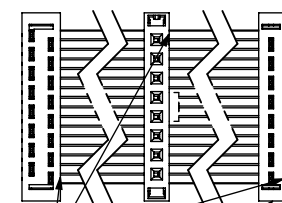


FIG 14
-S'XX'-M: MIDDLE REVERSED
(SAME AS FIG 1, DIFFERENT AS SHOWN)

FIRST POSITION INDICATOR

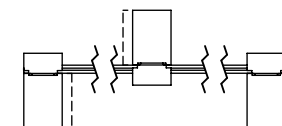
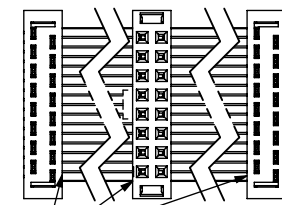


FIG 17
-D'XX'-M: MIDDLE REVERSED
(SAME AS FIG 1, DIFFERENT AS SHOWN)

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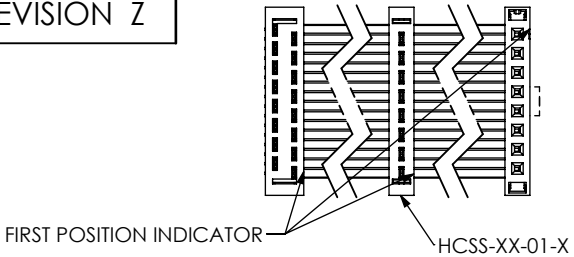


FIG 18
-W"XX"-O: OUTSIDE REVERSED
(SAME AS FIG 1, DIFFERENT AS SHOWN)

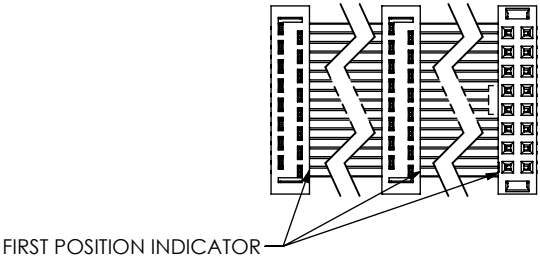


FIG 19
-D"XX"-O: OUTSIDE REVERSED
(SAME AS FIG 1, DIFFERENT AS SHOWN)

CRITICAL DIMENSION INSPECTION INSTRUCTION TABLE

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

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

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