

REV. N

-D (DOUBLE END)

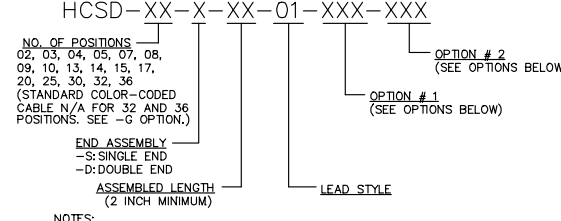
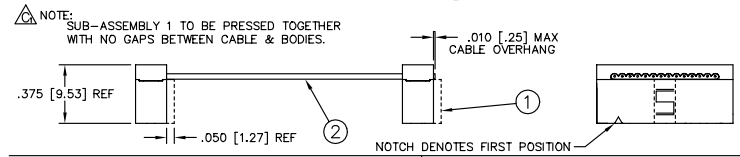
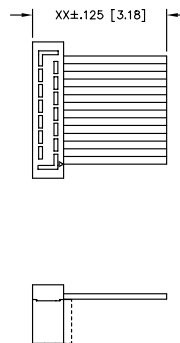
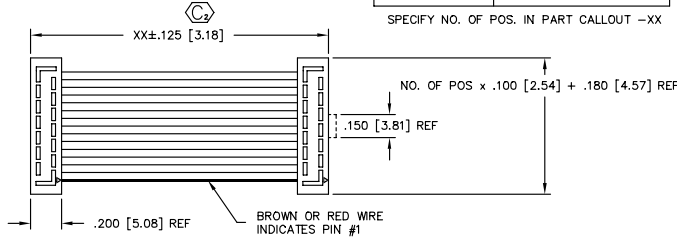
TABLE 1	
1	2
HCS-D-XX-01-X	CB-XX-28-7/36-050-C

SPECIFY NO. OF POS. IN PART CALLOUT -XX

-S (SINGLE END)  
SAME AS -D UNLESS OTHERWISE SHOWN

DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED TOLERANCES ARE:  
 ONE PLACE DECIMALS ± .1 THREE PLACE DECIMALS ± .005 ANGLES ± 1°  
 TWO PLACE DECIMALS ± .01 FOUR PLACE DECIMALS ± .0020

TITLE: .100 C.L. MOLD TO POS. DOUBLE ROW, FEMALE HCS-D-XX-X-XX-01-XXX-XXX ASSEMBLY  
 DWG NO: HCS-D-XX-X-XX-01-XXX-XXX SHEET 1 OF 1



- NOTES:  
 1. HIDDEN LINES ARE USED TO SHOW POLARIZATION WHEN USING -N OPTION  
 2. (C) REPRESENTS CRITICAL DIMENSION.  
 3. ALL ASSEMBLIES TO BE 100% ELECTRICALLY TESTED FOR SHORTS AND OPENS.  
 4. ALL ASSEMBLIES TO BE 100% HI-POT TESTED AT 1000V.

**PLATING**

-T = .000150 BRIGHT ACID TIN ON ENTIRE CONTACT. (USE HCS-D-XX-01-TX)  
 (STANDARD PLATING IS .000150 BRIGHT ACID TIN, EXCEPT CONTACT AREA IS .000010 Au. - USE HCS-D-XX-01-SX)

**-N NOTCH POLARIZATION**

IF OPTION IS SPECIFIED, SUB-ASM. 1 WILL BE HCS-D-XX-01-N.

**-G GRAY CABLE**

SUBSTITUTE GRAY CABLE FOR STANDARD COLOR CODED CABLE USE: CB-XX-28-7/36-050-G  
 NOTE: USE GRAY CABLE FOR -32 AND -36 POSITIONS.

**-RW REVERSE WIRING**

**-ST"X" STRIPPED & TINNED**

"X"	LENGTH
8	.125 [3.18]
4	.250 [6.35]
3	.375 [9.53]
2	.500 [12.70]

NOTE:  
 1a. CONDUCTORS SHALL BE CONSISTENT IN APPEARANCE. SOLDER MUST MAINTAIN CABLE STRANDS WITHIN THE MAX DIA. TOLERANCE.  
 2a. USE #6/40 TIN/LEAD SOLDER ONLY.  
 3a. NOT AVAILABLE IN 28 POSITIONS AND UP.

**-D"XX" DAISY CHAIN-DOUBLE**

**-P"XX" POLARIZED MATING**

XX = POSITION NO.  
 INSERT POLARIZING KEY PART NO. PK-06 INTO SPECIFIED POSITION -XX

NOTE: THE SAME POSITION WILL BE POLARIZED ON BOTH ENDS.

**-R REVERSED CONNECTOR**

XX±.125 [3.18] (MIN 2.000 [50.80])

**-W"XX" WIRING REVERSED**

MIDDLE SINGLE TO TERMINATE CONDUCTOR #1.

Do not scale from this print

FIRST POSITION INDICATOR  
 END SINGLE TERMINATES CONDUCTOR #2.

XX±.125 [3.18] (MIN 2.000 [50.80])

**-S"XX" DAISY CHAIN- SINGLE**

MIDDLE SINGLE TO TERMINATE CONDUCTOR #2.

FIRST POSITION INDICATOR  
 END SINGLE TERMINATES CONDUCTOR #1.

XX±.125 [3.18] (MIN 2.000 [50.80])

**-W"XX"-M (MIDDLE REVERSED) -S"XX"-M (MIDDLE REVERSED) -W"XX"-O (OUTSIDE REVERSED) -S"XX"-O (OUTSIDE REVERSED)**

**-D"XX"-M (MIDDLE REVERSED) -D"XX"-O (OUTSIDE REVERSED)**

MATERIAL:  
 INSULATORS: BLACK LIQUID CRYSTAL POLYMER  
 CABLE: GRAY PVC CABLE  
 CONTACT: PHOSPHOR BRONZE

**-BXX BREAKOUT OPTION**

5.000 [127.00] MAX  
 2.000 [50.80] MIN

"XX" = NO. OF CONDUCTORS BROKEN OUT FROM THE FIRST POSITION

**samtec** EP/CABLE HCS-D-ASM  
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 PHONE (812) 344-4733 P.O. BOX 1147  
 CODE 55322

MADE BY: KOLB 8-3-90 HCS-D-XX-X-XX-01-XXX-XXX SHEET 1 OF 1

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