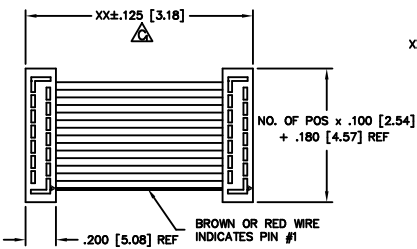
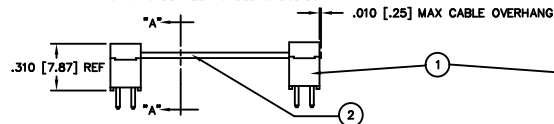
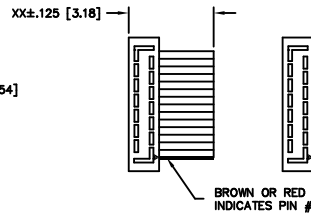
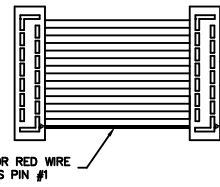


REV. V

-D (DOUBLE END)
FIGURE 1

NOTE:
SUB-ASSEMBLY 1 OR 3 TO BE PRESSED TOGETHER
WITH NO GAPS BETWEEN CABLE & BODIES.

-S (SINGLE END)
SAME AS FIG. 1 UNLESS
OTHERWISE SHOWN-T (TRANSFER END)
SEE NOTE 3
SAME AS FIG. 1 UNLESS
OTHERWISE SHOWN

NO. OF POSITIONS PER ROW
02, 03, 04, 05, 07, 08,
09, 10, 13, 14, 15, 17,
20, 25, 30, 32, 36
(STANDARD COLOR-CODED
CABLE N/A FOR 32 AND 36
POSITIONS. SEE -S OPTION.)

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

ASSEMBLED LENGTH
(2 INCH MINIMUM)

HCMD-XX-X-XX.XX-XX-XXX-XXX

OPTION #2
(SEE OPTIONS BELOW AND SHT 2)

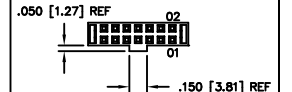
OPTION #1
(SEE OPTIONS BELOW AND SHT 2)

LEAD STYLE
-01: (SEE TABLE 1)
-02: (SEE TABLE 1)

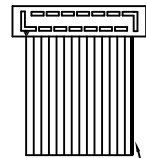
UNLESS OTHERWISE NOTED TOLERANCES ARE:
ONE PLACE DECIMALS $\pm .1$
TWO PLACE DECIMALS $\pm .01$
THREE PLACE DECIMALS $\pm .005$
FOUR PLACE DECIMALS $\pm .0020$
ANGLES $\pm 1^\circ$
TITLE: C.L. MOLD TO POS.
DOUBLE ROW, MALE
ASSEMBLY
DWG NO: HCMD-XX-X-XXX-XX-XXX-XXX
SHEET 1 OF 2

PLATING

-T = .000150 BRIGHT ACID TIN ON ENTIRE CONTACT. (USED ONLY WITH FEMALE STRIP OF A -T END OPTION)
-S = USE HCSD-XX-01-TX
= .000010 AL. ON TAIL AREA WITH THE BALANCE OF .000150 BRIGHT ACID TIN - USE HCMD-XX-XX-S. (NOT TO BE USED WITH FEMALE STRIP OF A -T END OPTION.)
(STANDARD PLATING IS .000150 BRIGHT ACID TIN OVER ENTIRE TERMINAL - USE HCMD-XX-XX-T. FOR A -T OPTION, STANDARD PLATING FOR THE FEMALE END IS .000150 BRIGHT ACID TIN, EXCEPT CONTACT AREA IS .000010 AL. - USE HCSD-XX-01-SV.)

-N
NOTCH POLARIZATION

AVAILABLE ONLY WITH TRANSFER END OPTION.
ONLY THE SOCKET IS POLARIZED.
USE HCSD-XX-01-N

-RW
REVERSE WIRING

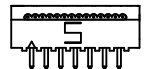
RED OR BROWN WIRE
TO OPPOSITE SIDE OF
FIRST POS. INDICATOR



SECT. "A-A"

-G
GRAY CABLE

SUBSTITUTE GRAY CABLE FOR
STANDARD COLOR CODED CABLE
USE: CB-XX-28-7/36-050-G

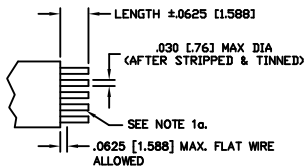
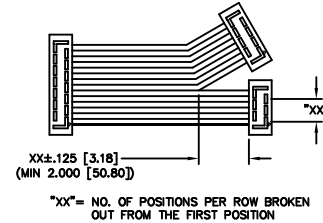


NOTE:
USE GRAY CABLE FOR
-32 AND -36 POSITIONS.

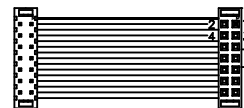
-ST"X"
STRIPPED & TINNED

"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 60/40 TIN/LEAD SOLDER ONLY.
3a. NOT AVAILABLE IN 36 POSITIONS AND UP.

-B"XX"
BREAKOUT OPTION-P"XX"
POLARIZED MATING

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



NOTE:
OPTION ONLY AVAILABLE ON FEMALE END OF THE -T
(TRANSFER END) OPTION.
THE POLARIZED POSITION WILL HAVE THE SAME ELECTRICAL
POSITION FROM THE BROWN WIRE FIRST POSITION INDICATOR.

TABLE 1

LEAD STYLE	"A"	1	2	3 (-T END ONLY)
-01	.120 [3.05]	HCMD-XX-01-X	CB-XX-28-7/36-050-C	HCSD-XX-01-X
-02	.230 [5.84]	HCMD-XX-02-X	CB-XX-28-7/36-050-C	HCSD-XX-01-X

SPECIFY NO. OF POS. IN PART CALLOUT -XX

NOTES:

- IF OPTION IS SPECIFIED WITH -T END ASSEMBLY, SUB-ASSEMBLIES B & C WILL BE HCSD-XX-01-X
- IF OPTION IS SPECIFIED WITH -T END ASSEMBLY, SUB-ASSEMBLIES B & C WILL BE HCSD-XX-01-X
- HIDDEN LINES ARE USED TO SHOW POLARIZATION WHEN USING -T-N OPTION
- Ⓢ REPRESENTS CRITICAL DIMENSIONS FOR STATISTICAL PROCESS CONTROL
- ALL ASSEMBLIES TO BE 100% ELECTRICALLY TESTED FOR SHORTS AND OPENS.
- ALL ASSEMBLIES TO BE 100% HI-POT TESTED AT 1000V.
- WIRE: 28 AWG, 7/36, STRANDED. TINNED WITH PVC INSULATOR.
- FOR -R OR -RW OPTION, CABLE RIB ORIENTATION CAN BE EITHER TOWARDS OR AWAY FROM THE CAP.

samtec

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CODE 55322

MADE BY: KOLB 6-3-90

HCMD-XX-X-XXX-XX-XXX-XXX
SHEET 1 OF 2

Do not scale
from this print

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