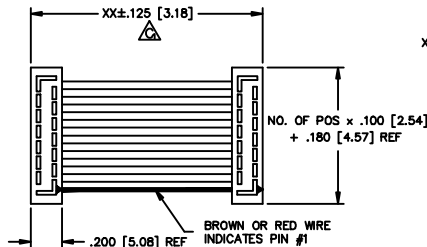
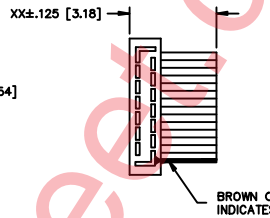


REV. T

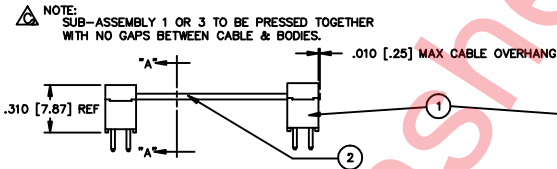
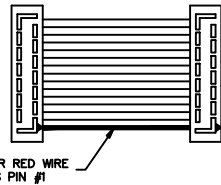
-D (DOUBLE END)
FIGURE 1



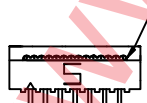
-S (SINGLE END)
SAME AS FIG. 1 UNLESS OTHERWISE SHOWN



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



-RW
REVERSE WIRING



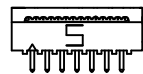
SECT. "A-A"

Do not scale from this print

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-G
GRAY CABLE

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

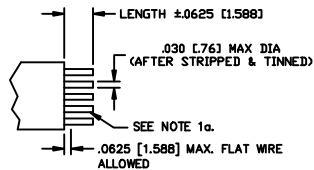


NOTE:
USE GRAY CABLE FOR -32 AND -36 POSITIONS.

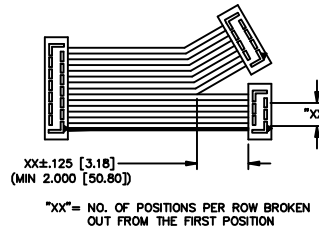
-ST"X"
STRIPPED & TINNED

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

NOTE:
1. CONDUCTORS SHALL BE CONSISTENT IN APPEARANCE. SOLDER MUST MAINTAIN CABLE STRANDS WITHIN THE MAX DIA. TOLERANCE.
2. USE #10/18 TIN/LEAD SOLDER ONLY.
3. NOT AVAILABLE IN 28 POSITIONS AND UP.

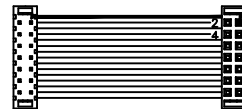


-B"XX"
BREAKOUT OPTION



-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.

| DRAWING SIZE IN INCHES | UNLESS OTHERWISE NOTED | TOLERANCES ARE | TITLE | DWG NO: |
|-------------------------|----------------------------|----------------|--|----------------------------|
| ONE PLACE DECIMALS ±.1 | THREE PLACE DECIMALS ±.005 | ANGLES ±1° | .100 C.L. MOLD TO POS. DOUBLE ROW, MALE ASSEMBLY | HCMD-XX-X-XX-XX-XX-XXX-XXX |
| TWO PLACE DECIMALS ±.01 | FOUR PLACE DECIMALS ±.0020 | | | |

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

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 -G OPTION.)

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

ASSEMBLY LENGTH:
(2 INCH MINIMUM)

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)

PLATING

-T = .000150 BRIGHT ACID TIN ON ENTIRE CONTACT. (USED ONLY WITH FEMALE STRIP OF A -T END OPTION)
-S = .00010 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 .00010 AL. - USE HCSD-XX-01-SK.)

**-N
NOTCH POLARIZATION**

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

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 HCSS-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.

samtec EPCABLE HCMD-ASM

810 PROGRESS BLVD., NEW ALBANY, INDIANA 47150
PHONE (812) 944-8733 P.O. BOX 1147
CODE 50322

MADE BY: KOLB 8-3-90

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

