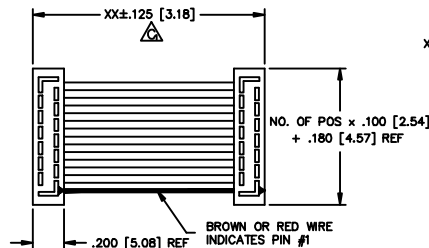
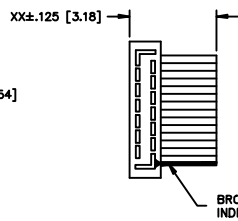
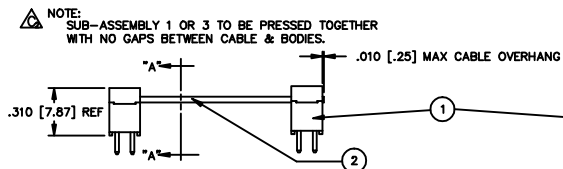
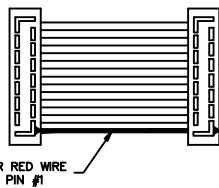


REV. T

-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

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)

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

OPTION #2
(SEE OPTIONS BELOW AND SHT 2)

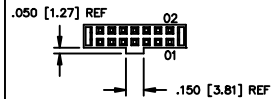
OPTION #1
(SEE OPTIONS BELOW AND SHT 2)

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

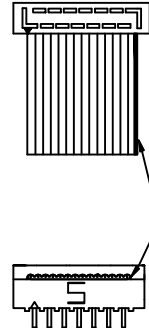
TITLE: .100 C.L. MOLD TO POS.
DOUBLE ROW, MALE
ASSEMBLY
DRAWING NO. HCMD-XX-Y-XX-XX-XX-XXX-XXX
SHEET 1 OF 2

PLATING

-T = .000150 BRIGHT ACID TIN ON ENTIRE CONTACT. (USED ONLY WITH FEMALE STRIP OF A -T END OPTION)
-S = .000010 AU. 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 AU. - USE HCMD-XX-01-SX.)

-N
NOTCH POLARIZATION

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

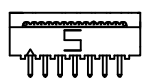
-RW
REVERSE WIRING

SECT. "A-A"

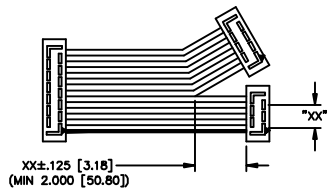
Do not scale from this print

-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.

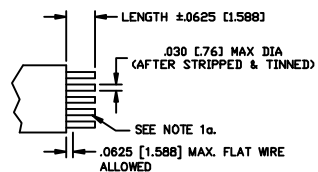
-B"XX"
BREAKOUT OPTION

"XX" = NO. OF POSITIONS PER ROW BROKEN OUT FROM THE FIRST POSITION

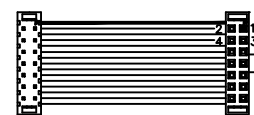
-ST"X"
STRIPPED & TINNED

"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 60/40 TIN/LEAD SOLDER ONLY.
3. NOT AVAILABLE IN 28 POSITIONS AND UP.

-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 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.

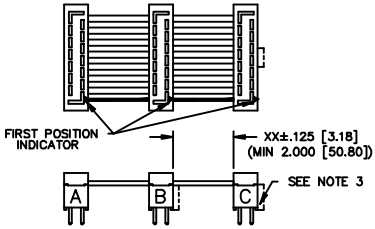
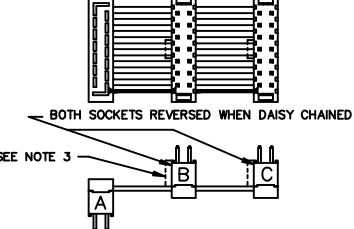
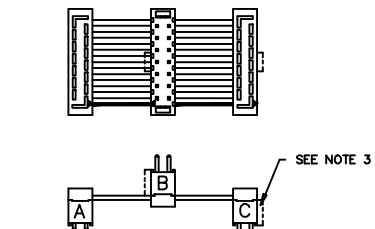
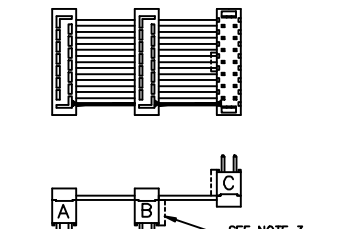
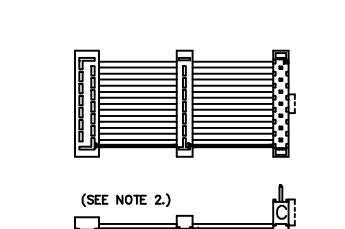
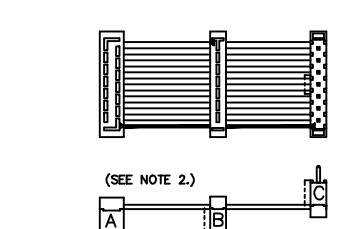
samtec

810 PROGRESS BLVD., NEW ALBANY, INDIANA 47150
PHONE (317) 944-0733 P.O. BOX 1147
CODE 50322

MADE BY: KOLB 8-3-90

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

PROPRIETARY NOTE
THE INFORMATION CONTAINED HEREIN IS THE PROPERTY OF SAMTEC CORPORATION. IT IS TO BE USED FOR THE SPECIFIC PURPOSE AND FOR NO OTHER PURPOSE. IT IS NOT TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF SAMTEC CORPORATION.

REV. T -D"XX" DAISY CHAIN-DOUBLE (SEE NOTE 1.)	-R REVERSED CONNECTOR (SEE NOTE 1.)		DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED TOLERANCES ARE: ONE PLACE DECIMALS ±.1 TWO PLACE DECIMALS ±.01 THREE PLACE DECIMALS ±.005 FOUR PLACE DECIMALS ±.0020 ANGLES ±1°	TITLE: 100 C.L. MOLD TO POS. DOUBLE ROW, MALE ASSEMBLY	DWG NO: HMD-XX-X-XX-XX-XX-XX SHEET 2 OF 2
 NOTE: WHOLE INCH INCREMENTS ONLY	 SEE NOTE 3				
-W"XX" WIRING REVERSED (SEE NOTE 2.) MIDDLE SINGLE TO TERMINATE CONDUCTOR #1 END SINGLE TO TERMINATE CONDUCTOR #2	-S"XX" DAISY CHAIN- SINGLE (SEE NOTE 2.) MIDDLE SINGLE TO TERMINATE CONDUCTOR #2 END SINGLE TO TERMINATE CONDUCTOR #1	-W"XX"-M MIDDLE REVERSED	-S"XX"-M MIDDLE REVERSED		
 SEE NOTE 3	 SEE NOTE 3	 (SEE NOTE 2.)	 (SEE NOTE 2.)	 520 PARK EAST BLVD. NEW ALBANY, INDIANA 47150 PHONE (812) 944-6733 P.O. BOX 1147 CODE 56322	MADE BY: KOLB 8-3-90 HMD-XX-X-XX-XX-XX-XX SHEET 2 OF 2

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Samtec:](#)

[HCMD-10-D-12.00-02-R](#) [HCMD-05-T-06.00-02-N](#) [HCMD-10-T-12.00-02-S-N](#) [HCMD-20-T-10.00-02-S-R](#) [HCMD-07-D-12.00-01-S](#) [HCMD-20-T-05.00-01-N](#) [HCMD-05-S-10.00-02-S](#) [HCMD-05-T-04.00-02-RW](#) [HCMD-07-T-04.00-01-N](#)
[HCMD-20-T-12.00-01-S-R](#)