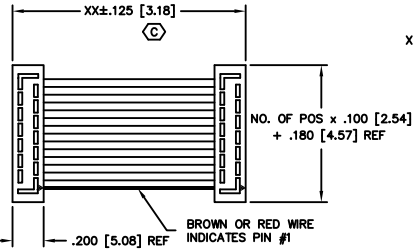
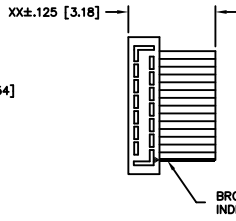


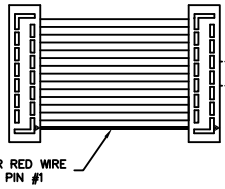
-D (DOUBLE END)
FIGURE 1



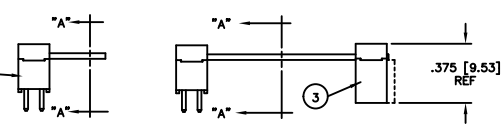
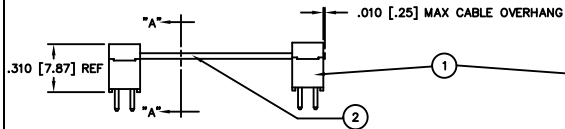
-S (SINGLE END)
SAME AS FIG. 1 UNLESS OTHERWISE SHOWN



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



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



UNLESS OTHERWISE NOTED

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

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

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

NO. OF POSITIONS PER ROW: 02 - 36 (STANDARD COLOR-CODED CABLE N/A FOR 32 AND 36 POSITIONS; SEE -G OPTION) (POSITIONS 21-36: EXISTING CUSTOMERS ONLY)

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

ASSEMBLED LENGTH (2 INCH MINIMUM)

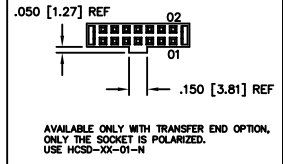
OPTION #2 (SEE OPTIONS BELOW AND SHT 2)
OPTION #1 (SEE OPTIONS BELOW AND SHT 2)

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

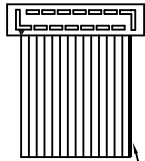
PLATING

-T =.000150 BRIGHT ACID TIN ON ENTIRE CONTACT. (USED ONLY WITH FEMALE STRIP OF A -T END OPTION - USE HCSD-XX-01-TX)
-S =.000010 Au. ON TAIL AREA WITH THE BALANCE OF .000150 BRIGHT ACID TIN - USE HCMD-XX-01-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-01-T. FOR A -T OPTION, STANDARD PLATING FOR THE FEMALE END IS .000150 BRIGHT ACID TIN, EXCEPT CONTACT AREA IS .000010 Au. - USE HCSD-XX-01-SX.)

-N NOTCH POLARIZATION



-RW REVERSE WIRING

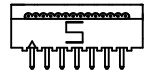


SECT. "A-A"

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

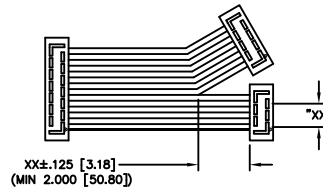
-G GRAY CABLE

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

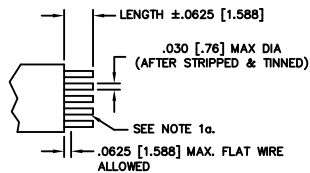


"XX" = NO. OF POSITIONS PER ROW BROKEN OUT FROM THE FIRST POSITION

-ST"X" STRIPPED & TINNED

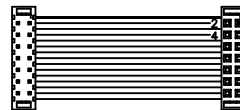
"X"	LENGTH
8	.125 [3.18]
4	.250 [6.35]
3	.375 [9.53]
2	.500 [12.70]

NOTE:
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 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.
- FOR -R OR -RW OPTION, CABLE RIB ORIENTATION CAN BE EITHER TOWARDS OR AWAY FROM THE CAP.

EP/CABLE HCMD-XX-X-XX-XX-XX-XXX-XXX-ASMT

samtec

520 PARK EAST BLVD. NEW ALBANY, INDIANA 47150
PHONE (812) 944-6733 P.O. BOX 1147
CODE 85322

MADE BY: KOLB 8-3-90

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

PROPRIETARY NOTE