

DO NOT
SCALE FROM
THIS POINT

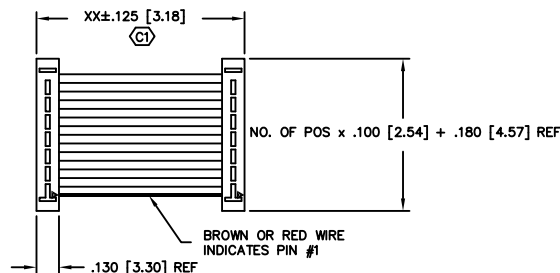
DIMENSIONS ARE IN INCHES

TOLERANCES ARE:

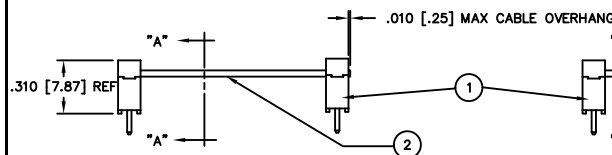
ONE PLACE DECIMALS $\pm .1$
TWO PLACE DECIMALS $\pm .01$ THREE PLACE DECIMALS $\pm .005$
FOUR PLACE DECIMALS $\pm .0020$ ANGLES
 $\pm 1^\circ$ TITLE:
.100 C.I. MOLD TO POS.
SINGLE ROW, MALE
ASSEMBLYDWG NO:
HCMS-XX-X-XX-XX-XXX-XXX
SHEET 1 OF 1

-D (DOUBLE END)

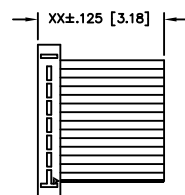
FIG 1



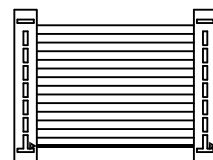
NOTE:
SUB-ASSEMBLY 1 OR 3 TO BE PRESSED TOGETHER
WITH NO GAPS BETWEEN CABLE & BODIES.



-S (SINGLE END)

SAME AS FIG. 1 UNLESS
OTHERWISE SHOWN

-T (TRANSFER END)

SEE NOTE 2
SAME AS FIG. 1 UNLESS
OTHERWISE SHOWN

HCMS-XX-X-XX-XX-XXX-XXX

NO. OF POSITIONS
02 - 36
(POSITIONS 21-36:
EXISTING CUSTOMERS ONLY)

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

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

ASSEMBLED LENGTH
(2 INCH MINIMUM)

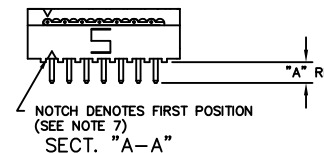
LEAD STYLE

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

TABLE 1

LEAD STYLE	"A"	1	2	3 (-T END ONLY)
-01	.120 [3.05]	HCMS-XX-01-X	CB-XX-28-7/36-100-C	HCSS-XX-01-X
-02	.230 [5.84]	HCMS-XX-02-X	CB-XX-28-7/36-100-C	HCSS-XX-01-X

SPECIFY NO. OF POS. IN PART CALLOUT -XX



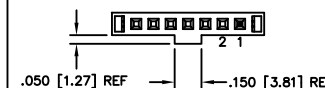
NOTES:

- IF OPTION IS SPECIFIED WITH -T END ASSEMBLY, SUB-ASSEMBLIES B & C WILL BE HCSS-XX-01-X.
- HIDDEN LINES ARE USED TO SHOW POLARIZATION WHEN USING -T OPTION.
- Ⓢ REPRESENTS CRITICAL DIMENSION 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, TINNED, STRANDED WITH PVC INSULATOR
- FOR -R OR -RW OPTION, CABLE RIB ORIENTATION CAN BE EITHER TOWARDS OR AWAY FROM THE CAP.
- WHEN CUTTING CABLE TO LENGTH, CONDUCTORS SHOULD NOT EXTEND PAST THE CABLE INSULATION, EXTENDING LESS THAN 25% OF CABLE THICKNESS ON CONSECUTIVE AND LESS THAN 50% OF CABLE THICKNESS ON NON-CONSECUTIVE STRANDS IS CONSIDERED A PROCESS INDICATOR.

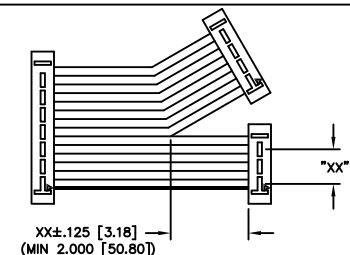
PLATING

- T = .000150 BRIGHT ACID TIN ON ENTIRE CONTACT. (USED ONLY WITH FEMALE STRIP OF A -T END OPTION - USE HCSS-XX-01-TX.)
- S = .000010 Au. ON TAIL AREA WITH THE BALANCE OF .000150 BRIGHT ACID TIN - USE HCMS-XX-01-S. (DO NOT USE WITH HCSS-XX-01-T-X.)

(STANDARD PLATING IS .000150 BRIGHT ACID TIN OVER ENTIRE TERMINAL - USE HCMS-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 HCSS-XX-01-SX.)

-N
NOTCH POLARIZATION

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

-BXX
BREAKOUT OPTION

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

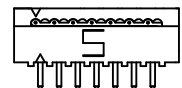
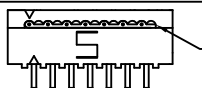
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PHONE (812) 944-6733 P.O. BOX 1147
CODE 55322

MADE BY: KOLB 8-3-90

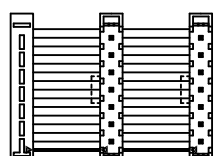
HCMS-XX-X-XX-XX-XXX-XXX
SHEET 1 OF 1-G
GRAY CABLE

SUBSTITUTE GRAY CABLE FOR
STANDARD COLOR CODED CABLE
USE: CB-XX-28-7/36-100-G

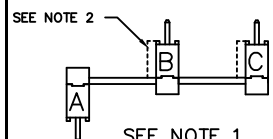
-RW
REVERSE WIRING

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

SECT. "A-A"

-R
REVERSED CONNECTOR

BOTH SOCKETS REVERSED
WHEN DAISY CHAINED



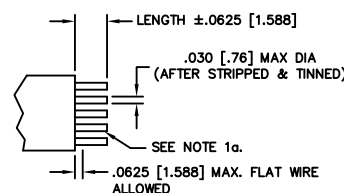
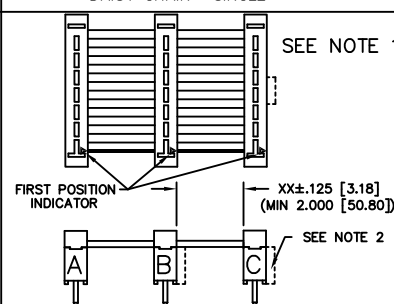
SEE NOTE 1

NOTE: NOT AVAILABLE WITH -M OR -O OPTIONS

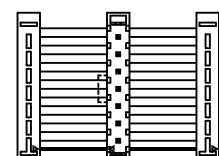
-ST"X"
STRIPPED & TINNED

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

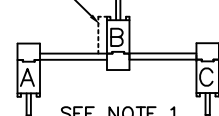
NOTE:
1a. CONDUCTORS SHALL BE CONSISTENT
IN APPEARANCE. SOLDER MUST MAINTAIN
CABLE STRANDS WITHIN THE MAX DIA.
TOLERANCE.
2a. USE 60/40 TIN/LEAD SOLDER ONLY.
3a. NOT AVAILABLE IN 28 POSITIONS AND UP.

-SXX
DAISY CHAIN- SINGLE

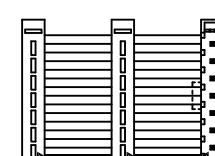
NOTE: 2 INCH MINIMUM LENGTH;
WHOLE INCH INCREMENTS ONLY

-M
MIDDLE REVERSED

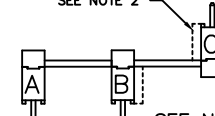
SEE NOTE 2



SEE NOTE 1

NOTE: NOT AVAILABLE WITH -R OR
-O OPTIONS-O
OUTSIDE REVERSED

SEE NOTE 2

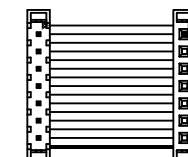


SEE NOTE 1

NOTE: NOT AVAILABLE WITH -R OR
-M OPTIONS

-PXX

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.

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