

DO NOT SCALE FROM THIS PRINT

MEC8-1XX-XX-XX-DV-XX

No OF POSITIONS

-10, -20, -30, -35, -40, -45, -50, -60, -70

CARD THICKNESS

-01: 1mm [.039] THICK CARD
-02: 1.57mm [.062] THICK CARD

OPTION

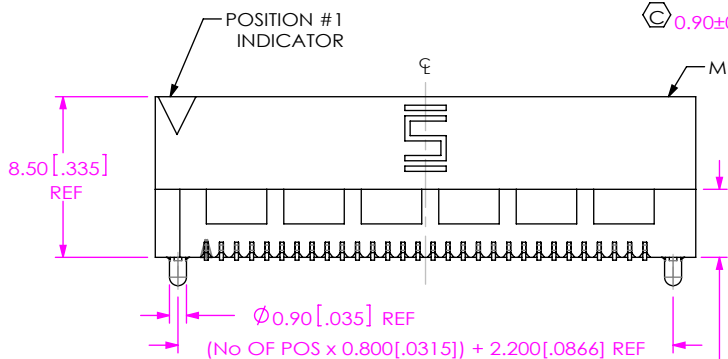
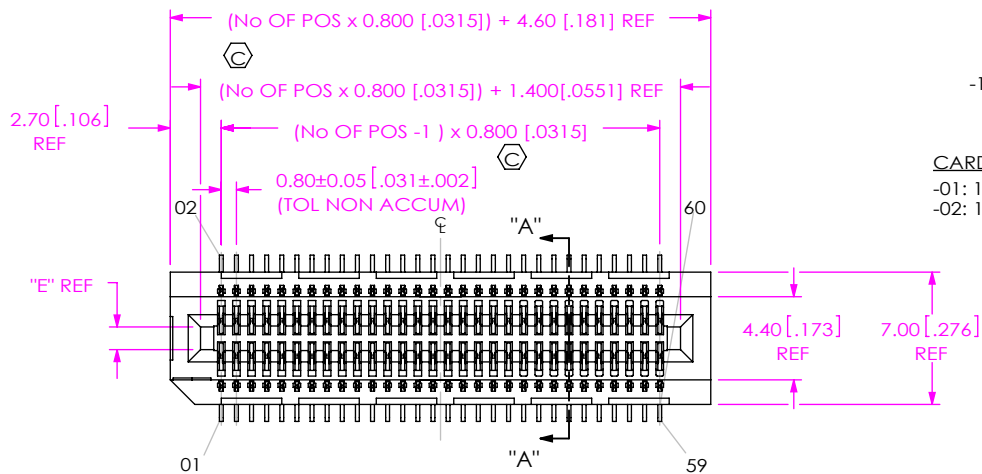
- A: ALIGNMENT PINS (USE MEC8-XX-XX-DV-A)
- LC: LOCKING CLIP (SEE NOTE 5) (USE LC-05-TM)
- K: POLYAMIDE FILM PAD (USE K-DOT-.217-.313-.005) (SEE FIG. 3)
- TR: TAPE & REEL

ROW SPECIFICATION

-DV: DUAL VERTICAL (USE MEC8-XX-XX-DV-XX)

PLATING SPECIFICATION

- L: 10µ" SELECTIVE GOLD, IN CONTACT AREA, MATTE TIN ON TAIL
- S: 30µ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- LM: 10µ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- SM: 30µ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- C: 50µ" ELECTRO-POLISHED SELECTIVE GOLD, IN CONTACT AREA, MATTE TIN ON TAIL



-A OPTION SHOWN

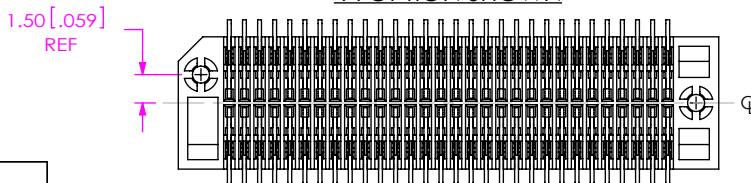
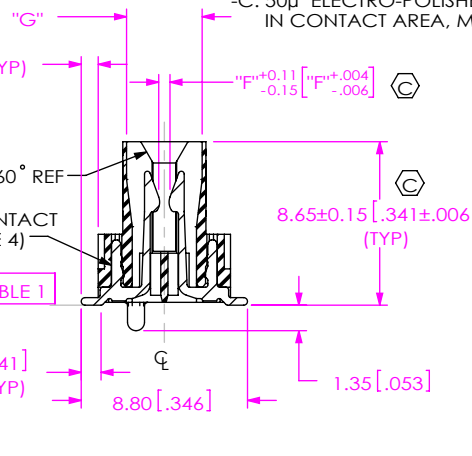


TABLE 1	
No OF POS	COPLANARITY
-10 THRU -50	0.102 [.0040]
-60 & -70	0.152 [.0060]

NOTES:

1. ϕ REPRESENTS A CRITICAL DIMENSION.
2. MAXIMUM BURR ALLOWANCE: 0.04 [.0015]
3. MINIMUM PUSHOUT FORCE: .5 LB
4. ASSEMBLIES TO BE PACKAGED IN TRAYS UNLESS -TR OPTION IS SPECIFIED.
5. DUE TO THE HIGH AMOUNT OF INSERTION FORCE NEEDED, THE -LC OPTION IS NOT COMPATIBLE WITH AUTO PLACEMENT. SAMTEC RECOMMENDS MANUAL PLACEMENT FOR ALL ASSEMBLIES WITH THE -LC OPTION."

-LC OPTION SHOWN



SECTION "A"-"A"

FIG. 1 FOR POSITIONS -10, -20, -30 & -35 (SHOWN: MEC8-130-01-XX-DV-XX AS NOTED)

DESIGNED & DIMENSIONED IN MILLIMETERS (INCHES FOR REFERENCE ONLY)

TABLE 4					
CARD	"E"	"F"	"G"	BODY	CONTACT
-01	1.20 [.047]	.50 [.020]	3.40 [.1338]	MEC8-XX-01-DV-XX	C-199-01-XX
-02	1.80 [.071]	1.00 [.039]	4.00 [.1575]	MEC8-XX-02-DV-XX	C-182-02-XX

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS.

TOLERANCES ARE:
 DECIMALS ANGLES
 X.X: $\pm 0.3 [.01]$ 2°
 X.XX: $\pm 0.13 [.005]$
 X.XXX: $\pm 0.051 [.0020]$

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MATERIAL: DO NOT SCALE DRAWING
 INSULATOR: LCP
 -01: COLOR: NATURAL
 -02: COLOR: BLACK
 CONTACT: PHOS BRONZE

SHEET SCALE: 1:0.4

DESCRIPTION: 0.8mm DUAL VERTICAL MOUNT MINI-EDGE CARD ASSEMBLY

DWG. NO. MEC8-1XX-XX-XX-DV-XX

BY: CHAD F 04/09/2002 SHEET 1 OF 2



520 PARK EAST BLVD, NEW ALBANY, IN 47150
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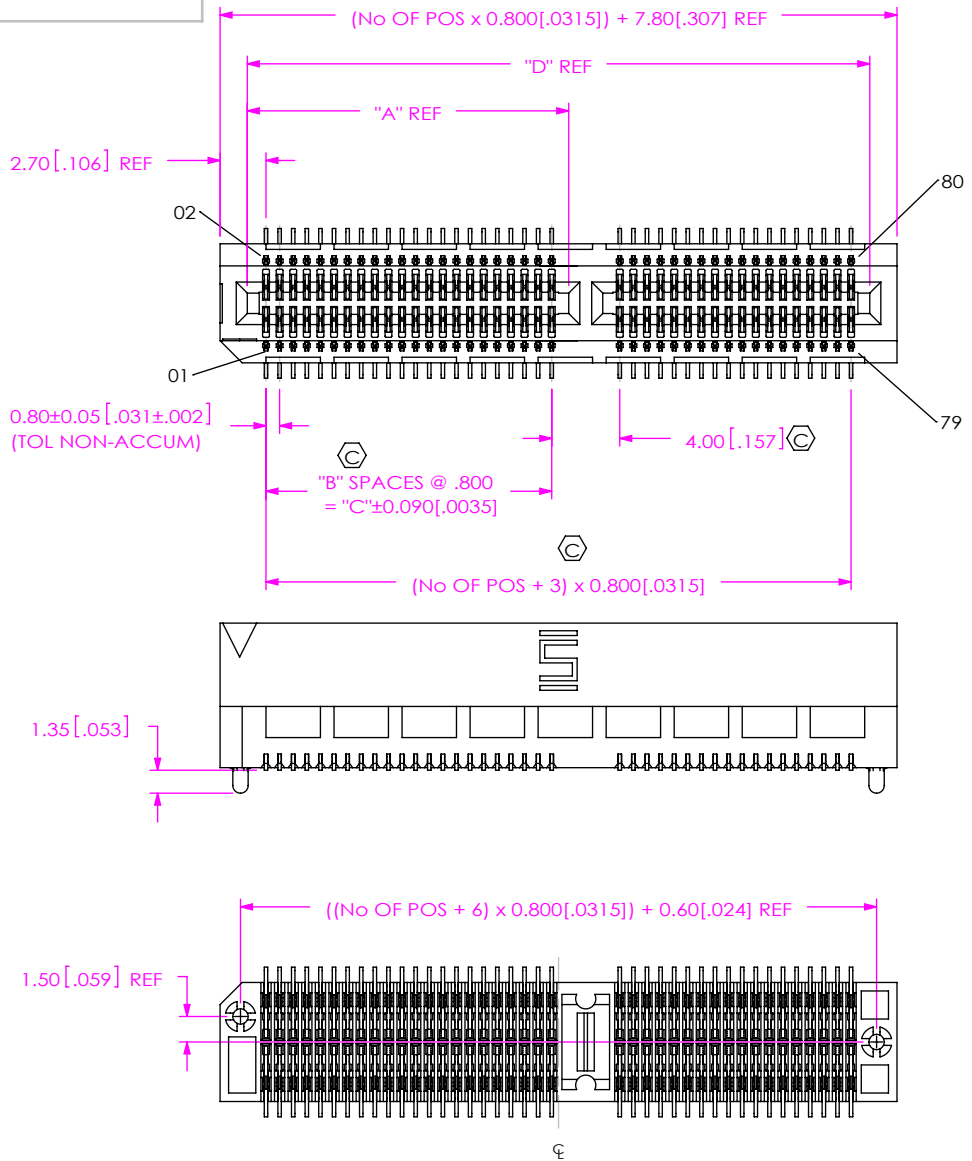


FIG 2

FOR POSITIONS -40 THRU 70
(SAME AS FIG 1, UNLESS OTHERWISE STATED)
(SHOWN: MEC8-140-01-XX-DV-A)

TABLE 2				
No OF POS	"A" REF	"B"	"C"	"D" REF
-40	18.900[.744]	21	16.800[.661]	36.600[1.441]
-45	20.500[.807]	23	18.400[.724]	40.600[1.598]
-50	22.900[.902]	26	20.800[.819]	44.600[1.756]
-60	26.900[1.059]	31	24.800[.976]	52.600[2.071]
-70	30.900[1.217]	36	28.800[1.134]	60.600[2.386]

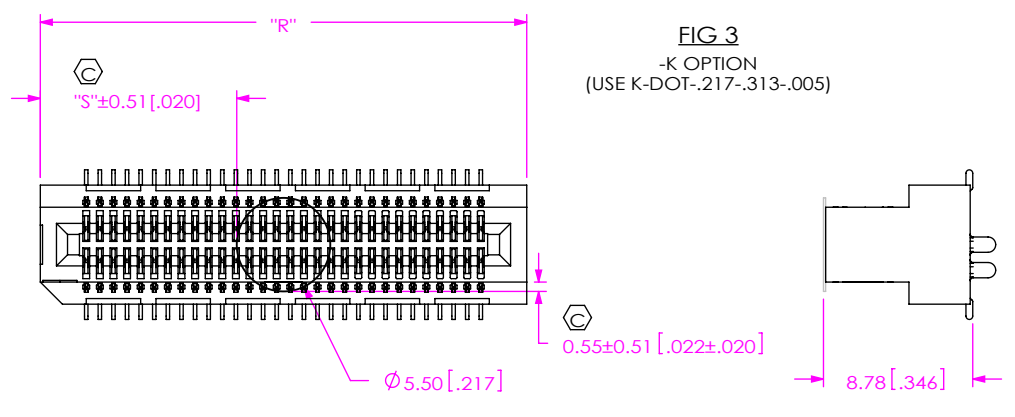


FIG 3
-K OPTION
(USE K-DOT-.217-.313-.005)

TABLE 3		
No OF POS	"R"	"S"
-10 THRU *-35	(No OF POS x 0.80[.0315]) + 4.60[.181] REF	(("R" - 5.50[.217]) / 2) +/-0.51[.020]
-40 THRU -70	(No OF POS x 0.80[.0315]) + 7.80[.307] REF	

* = NOT RELEASED FOR SALE

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DWG. NO.

MEC8-1XX-XX-XX-DV-XX

BY: CHAD F 04/09/2002 SHEET 2 OF 2