

**DESIGNED & DIMENSIONED  
IN MILLIMETERS  
(INCHES FOR REFERENCE ONLY)**

MEC6-1XX-02-X-DV-XX-X-XX

**No OF POSITIONS**  
-10, -20, -30, -40,  
-50, -60, -70

**CARD THICKNESS**  
-02: 1.57mm [.062]  
THICK CARD

**PLATING SPECIFICATION**  
-L: LIGHT SELECTIVE GOLD/MATTE TIN (USE C-182-02-L)  
-S: SELECTIVE GOLD/MATTE TIN (USE C-182-02-S)

**PACKAGING**

BLANK: TRAYS (SEE NOTE 4)  
-TR: TAPE & REEL (SEE NOTE 6 & 7)  
-FR: FULL REEL QTY TAPE & REEL  
(SEE NOTE 6 & 7)

**PICK & PLACE OPTION**

-K: POLYIMIDE FILM PAD  
(USE K-DOT-.217-.313-.005)(SEE FIG. 4)

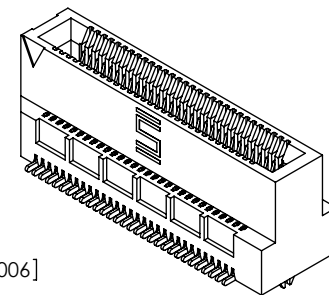
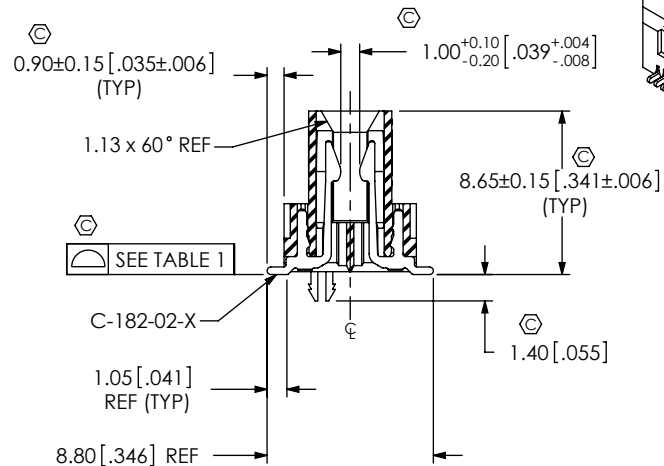
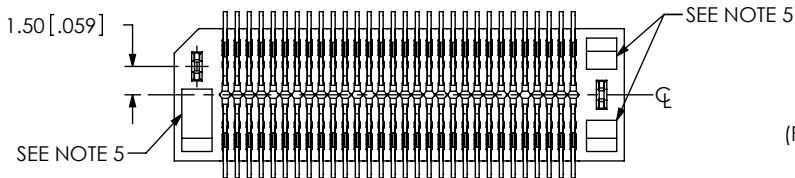
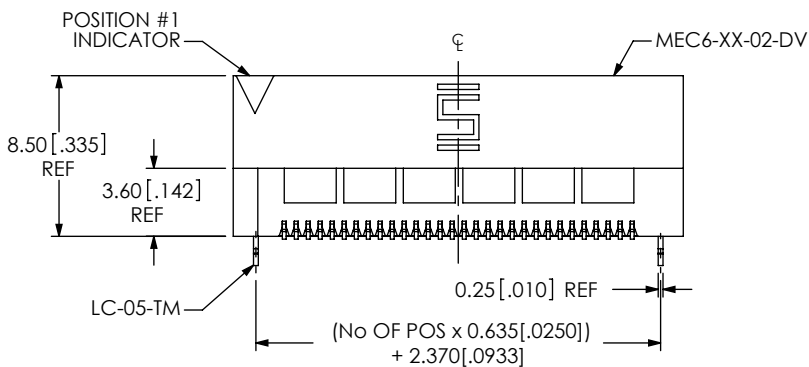
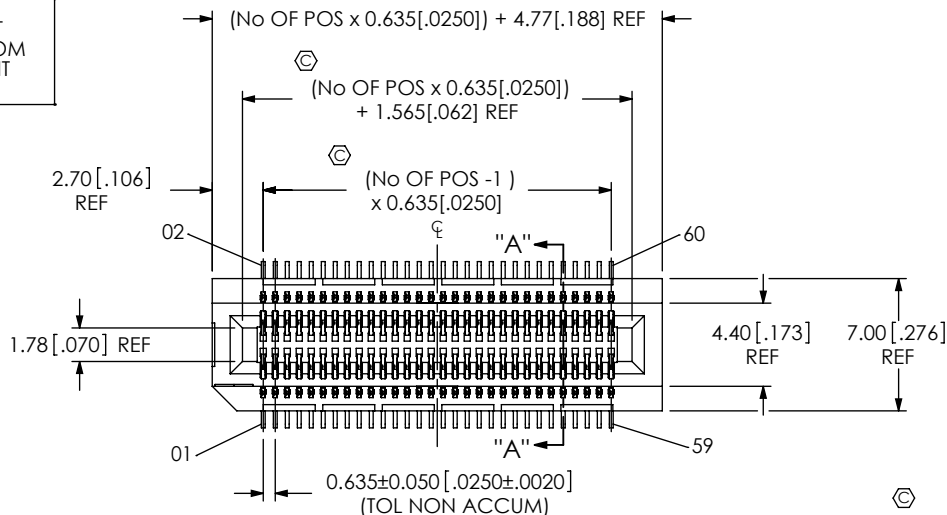
**OPTION**

-A: ALIGNMENT PINS (SEE FIG. 3)  
(USE MEC6-XX-XX-DV-A)  
-LC: LOCKING CLIP  
(USE LC-05-TM)

**ROW SPECIFICATION**

-DV: DUAL VERTICAL  
(USE MEC6-XX-XX-DV)

DO NOT  
SCALE FROM  
THIS PRINT



**FIG 1**  
-LC OPTION SHOWN  
MEC6-130-02-X-DV-LC SHOWN  
(FOR POSITIONS -10, -20, -30 & -40)

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

**NOTES:**

1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
2. MAXIMUM BURR ALLOWANCE: 0.038[.0015].
3. MINIMUM PUSHOUT FORCE: 2.22 N [.5 LB].
4. PARTS TO BE PACKAGED IN TRAYS, UNLESS -TR OPTION IS SPECIFIED.
5. VOID CORING CAN BE USED PER VENDOR'S DISCRETION TO CONTROL BOW SPECIFICATIONS
6. ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM
7. ATTACH LABEL TO EACH REEL

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS.

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

**MATERIAL:** DO NOT SCALE DRAWING SHEET SCALE: 1:0.4  
INSULATOR: LCP, COLOR: BLACK  
CONTACT: PHOS BRONZE

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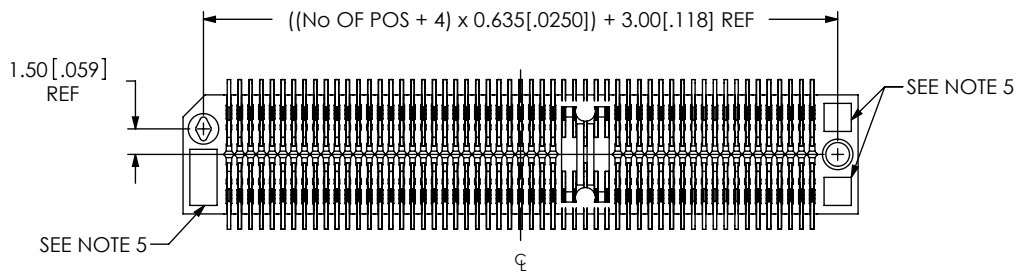
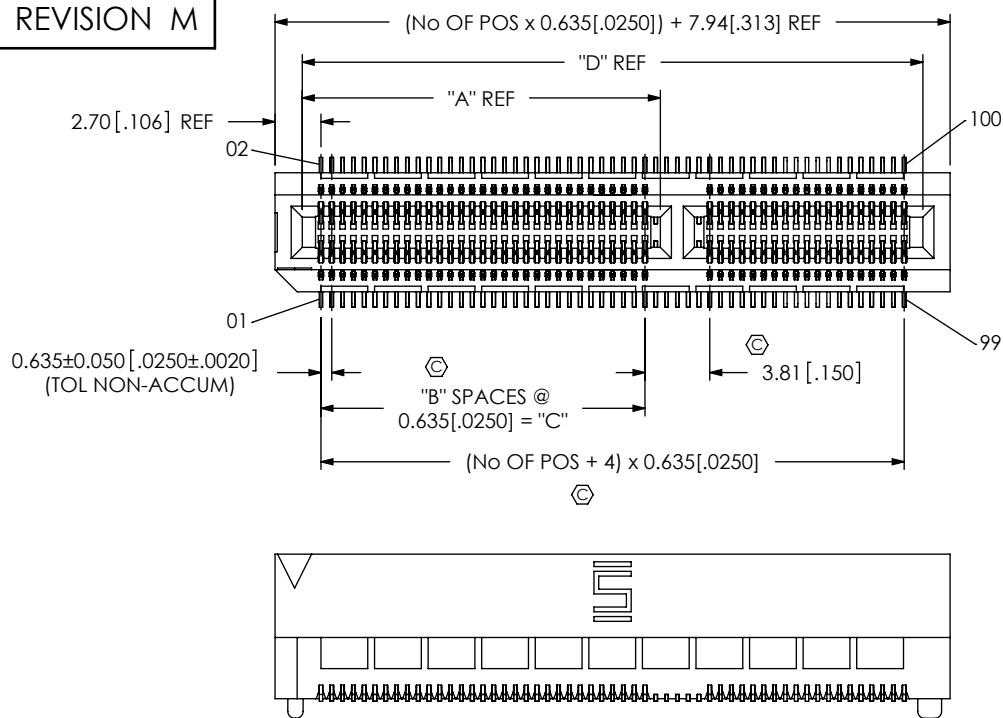
**samtec**

520 PARK EAST BLVD, NEW ALBANY, IN 47150  
PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION:  
.635mm VERTICAL MOUNT MINI-EDGE CARD ASSEMBLY

DWG. NO.  
**MEC6-1XX-02-X-DV-XX-X-XX**

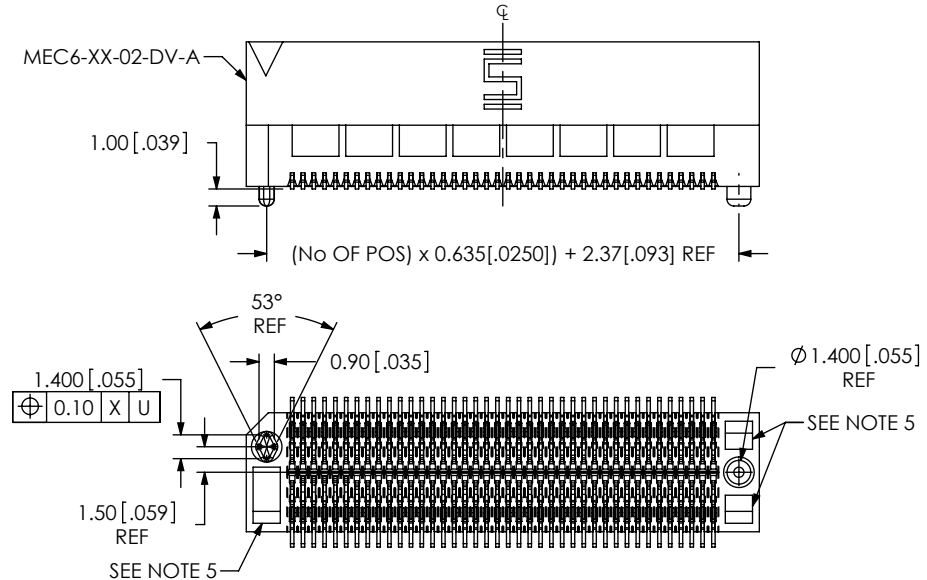
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**FIG 2**  
MEC6-150-02-X-DV-A SHOWN  
FOR POSITIONS -50 THRU 70  
(SAME AS FIG 1, UNLESS OTHERWISE STATED)

TABLE 2				
No OF POS	"A" REF	"B"	"C"	"D" REF
-50	21.055[.8289]	30	19.050[.7500]	36.490[1.4366]
-60	24.865[.9789]	36	22.860[.9000]	42.840[1.6866]
-70	28.675[1.1289]	42	26.670[1.0500]	49.190[1.9366]

**FIG 3**  
-A OPTION  
MEC6-140-02-X-DV-A SHOWN  
(FOR POSITIONS -10, -20, -30 & -40)



**FIG 4**  
-K OPTION  
(USE K-DOT-.217-.313-.005)

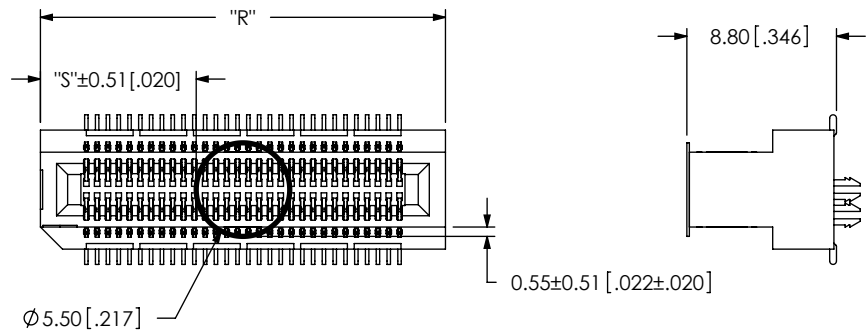


TABLE 3		
No OF POS	"R"	"S"
-10 THRU -40	(No OF POS x 0.635[.0250]) + 4.77[.188] REF	(( "R" - 5.50[.217] ) / 2) +/- 0.51[.020]
-50 THRU -70	(No OF POS x 0.635[.0250]) + 7.94[.313] REF	

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DO NOT SCALE DRAWING  
SHEET SCALE: 1:0.444444



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