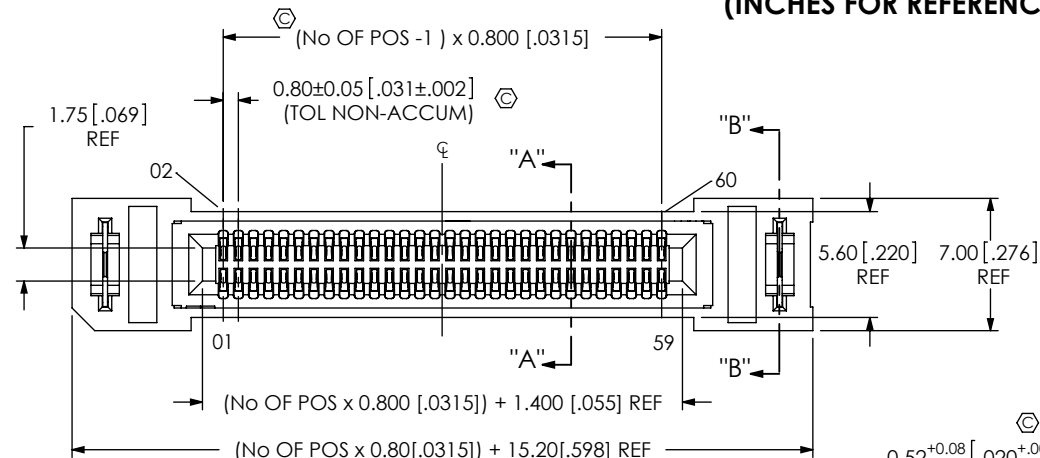


DESIGNED & DIMENSIONED  
IN MILLIMETERS  
(INCHES FOR REFERENCE ONLY)

HSEC8-1XX-XX-X-D-EMXX

DO NOT  
SCALE FROM  
THIS PRINT



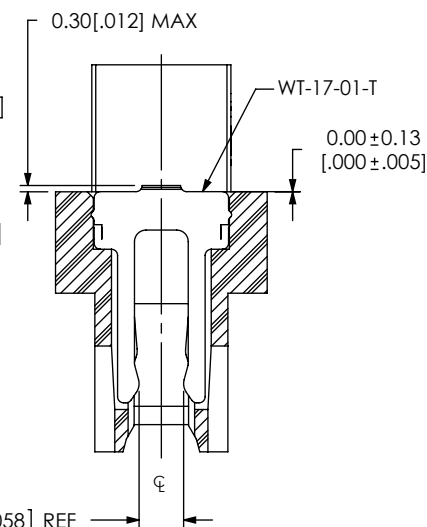
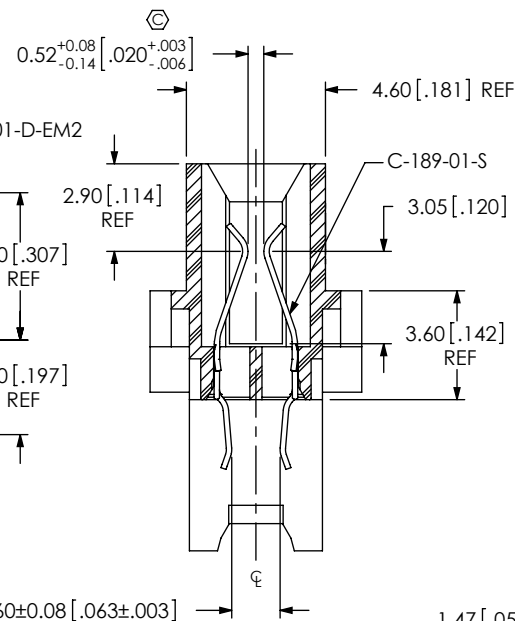
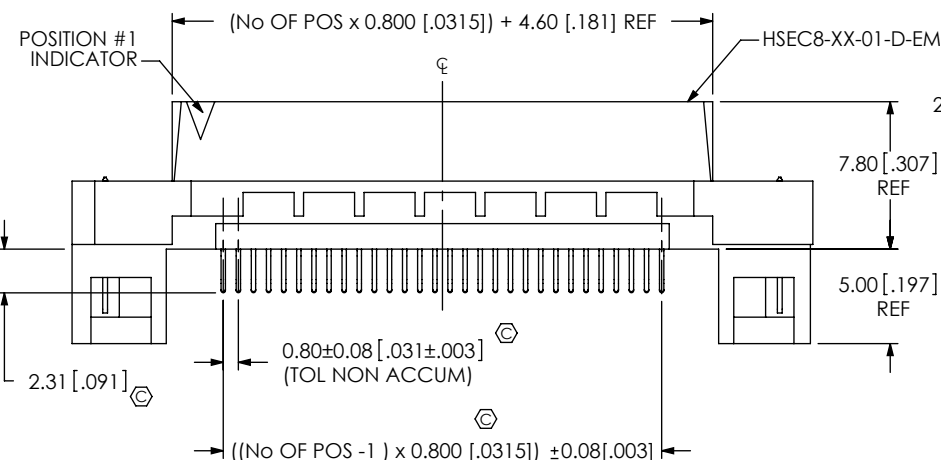
**No OF POSITIONS**  
-10, -20, & -30 (SEE FIG. 1)  
-13, -25, -37, -40, -49,  
-50, & -60 (SEE FIG. 2)  
(PER ROW)

**CARD THICKNESS**  
-01: 1.57mm [0.062] THICK CARD

**PLATING SPECIFICATION**  
-S: 30μ" SELECTIVE GOLD IN CONTACT AREA,  
MATTE TIN ON TAIL  
-L: 10μ" LIGHT SELECTIVE GOLD IN CONTACT AREA,  
MATTE TIN ON TAIL

**TAIL OPTION**  
-EM2: 1.57mm [0.062] THICK PCB  
-EM2L: 1.57mm [0.062] THICK PCB  
WITH WELD TAB LATCH  
(SHT. 3, FIG. 3) (AVAILABLE  
ONLY IN 13, 25, 37 & 49  
POSITIONS)

**ROW SPECIFICATION**  
-D: DOUBLE  
(USE HSEC8-XX-01-D-EM2X)



SECTION "A"- "A"  
SCALE 4 : 1

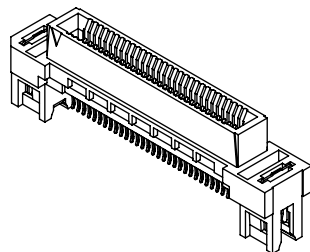
SECTION "B"- "B"  
SCALE 4 : 1

FIG 1

FOR POSITIONS -10, -20 & -30  
(SHOWN: HSEC8-130-01-S-D-EM2)

NOTES:

1. © REPRESENTS A CRITICAL DIMENSION.
2. BURR ALLOWANCE: 0.04 [0.0015] MAX.
3. MINIMUM PUSHOUT FORCE: 2.22 NEWTONS.
4. ALL TAIL TO TAIL DIMENSIONS TO BE MEASURED FROM TIP TO TIP.



UNLESS OTHERWISE SPECIFIED,  
DIMENSIONS ARE IN MILLIMETERS.

TOLERANCES ARE:

DECIMALS ANGLES  
.X: ± 0.3 [0.01] 2°  
.XX: ± 0.13 [0.005]  
.XXX: ± 0.051 [0.0020]

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CONSENT OF SAMTEC, INC.

**MATERIAL:** DO NOT SCALE DRAWING  
INSULATOR: LCP, UL 94 VO, COLOR: BLACK  
CONTACT: BeCu  
WELD TAB: PHOS BRONZE

SHEET SCALE: 1:0.4

DESCRIPTION:  
0.8mm HIGH SPEED, DUAL EDGE MOUNT, MINI-EDGE CARD ASSEMBLY

DWG. NO.:  
HSEC8-1XX-XX-X-D-EMXX

BY: BRATCHER 01/27/03 SHEET 1 OF 3

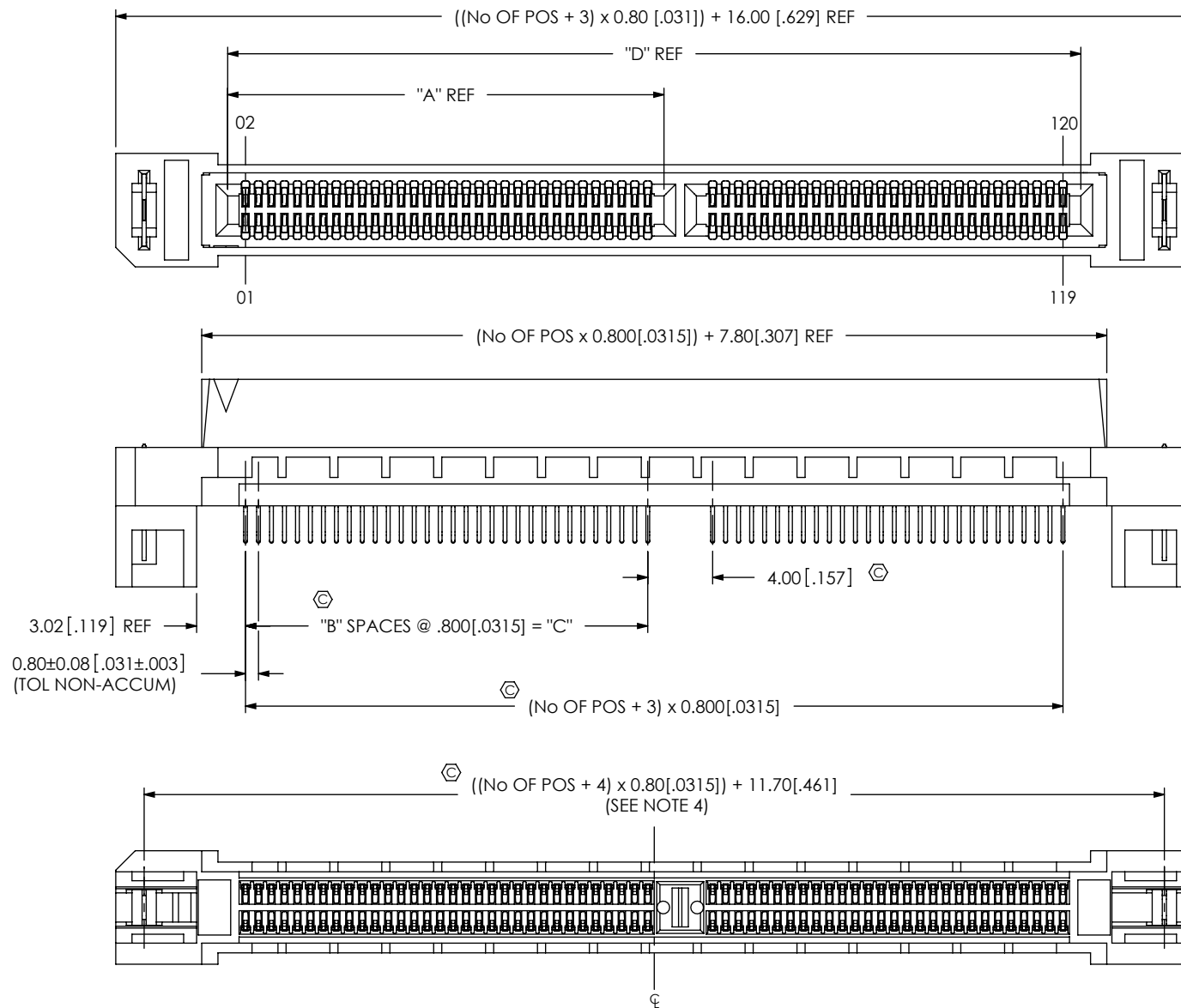


FIG 2

FOR POSITIONS -13, -25, -37, -40, -49, -50, -60  
(SAME AS FIG 1, UNLESS OTHERWISE STATED)  
(SHOWN: HSEC8-160-01-S-D-EM2)

No OF POS	"A" REF	"B"	"C"	"D" REF
-13	6.10[.240]	5	4.000[.1575]	15.00[.591]
-25	6.10[.240]	5	4.000[.1575]	24.60[.969]
-37	18.10[.713]	20	16.000[.6299]	34.20[1.346]
-40	18.90[.744]	21	16.800[.6614]	36.600[1.441]
-49	22.90[.902]	26	20.800[.8189]	43.80[1.724]
-50	22.90[.902]	26	20.800[.8189]	44.60[1.756]
-60	26.90[1.059]	31	24.800[.9763]	52.60[2.071]

F:\DWG\MISC\MKTG\HSEC8-1XX-XX-X-D-EMXX-MKT.SLDDRW

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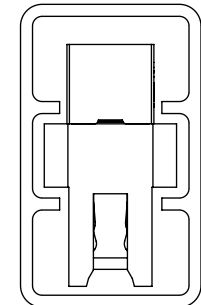
DO NOT SCALE DRAWING

SHEET SCALE: 1:0.4

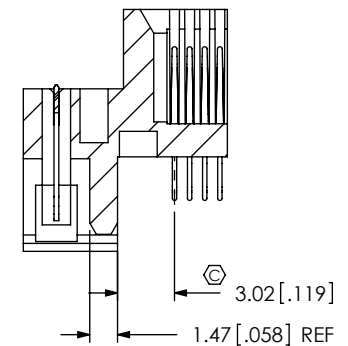
PACKAGING VIEW

FOR EM2

(PARTS TO HAVE POSITION #1 LOADED IN  
SAME DIRECTION AS ARROW ON TUBE)



TUBE: PT-1-24-02-125  
PLUG: TP-03



SECTION "C"-"C"



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

DESCRIPTION:

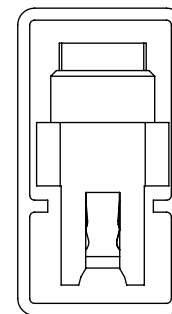
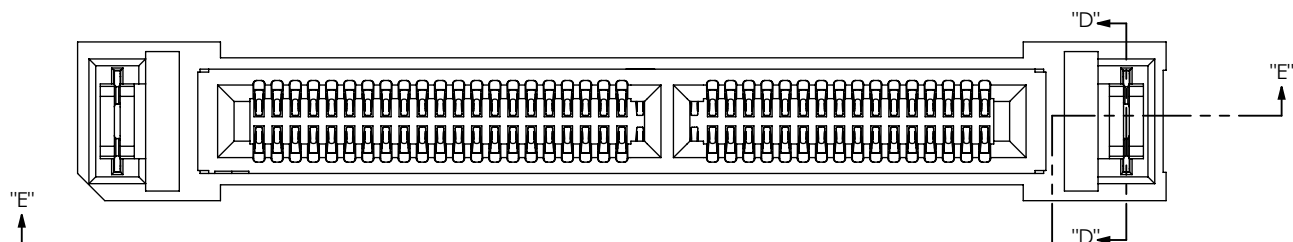
0.8mm HIGH SPEED, DUAL EDGE MOUNT, MINI-EDGE CARD ASSEMBLY

DWG. NO.

HSEC8-1XX-XX-X-D-EMXX

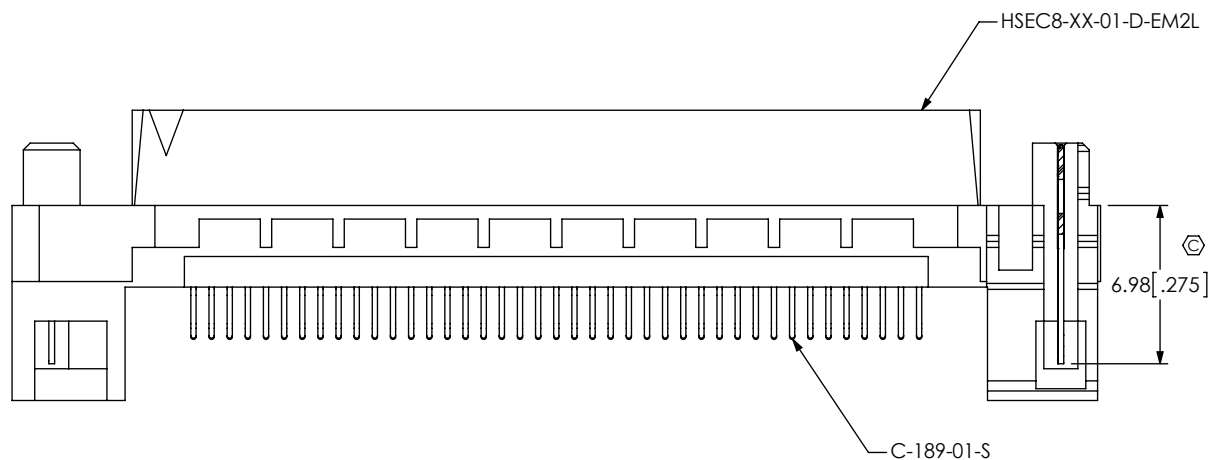
BY: BRATCHER 01/27/03

SHEET 2 OF 3

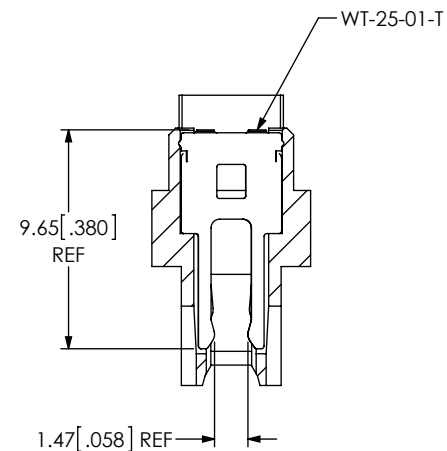


TUBE: PT-1-24-01-108  
PLUG: TP-13

**PACKAGING VIEW**  
FOR EM2L



**SECTION "E"-"E"**



**SECTION "D"-"D"**

**FIG 3**

(SAME AS FIG 2, UNLESS OTHERWISE STATED)  
(SHOWN: HSEC8-137-01-S-D-EM2L)

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DO NOT SCALE DRAWING

SHEET SCALE: 1:0.333333

**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:**

0.8mm HIGH SPEED, DUAL EDGE MOUNT, MINI-EDGE CARD ASSEMBLY

**DWG. NO.**

**HSEC8-1XX-XX-X-D-EMXX**

BY: BRATCHER 01/27/03

SHEET 3 OF 3