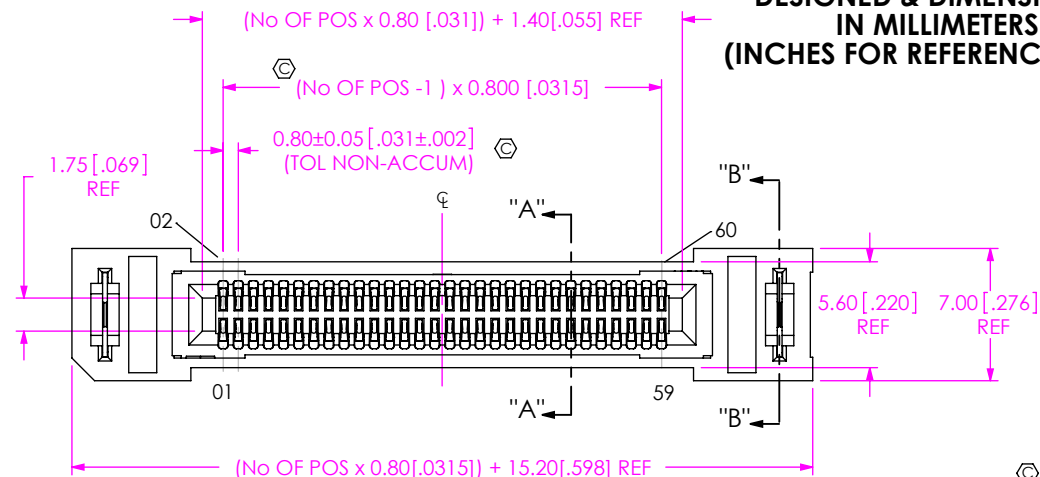


DO NOT
SCALE FROM
THIS PRINT

DESIGNED & DIMENSIONED
IN MILLIMETERS
(INCHES FOR REFERENCE ONLY)

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



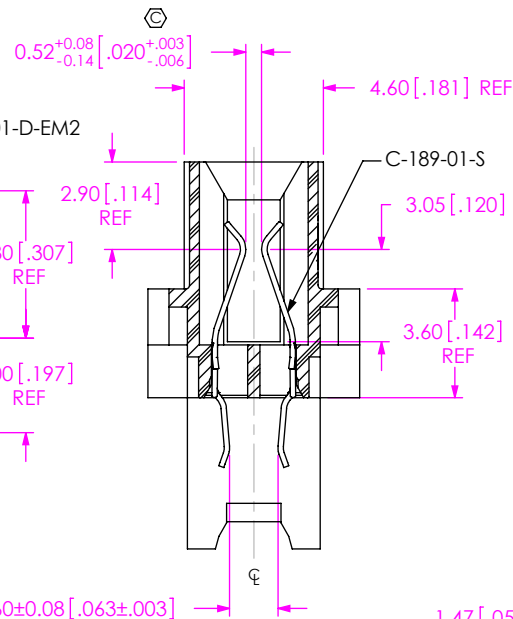
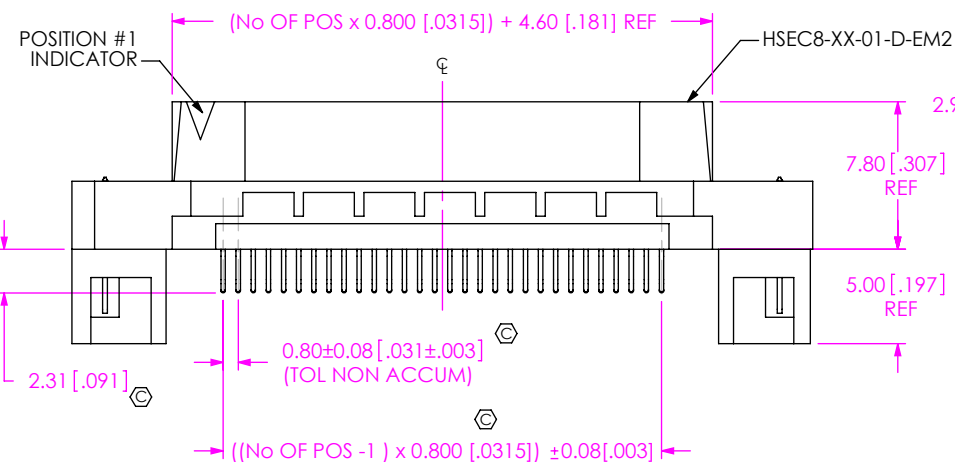
NO OF POSITIONS
-10, -20, & -30 (SEE FIG. 1)
-13, -25, -37, -40, -49,
-50, & -60 (SEE FIG. 2)
(PER ROW)

CARD THICKNESS
-01: 1.57mm [.062] THICK CARD

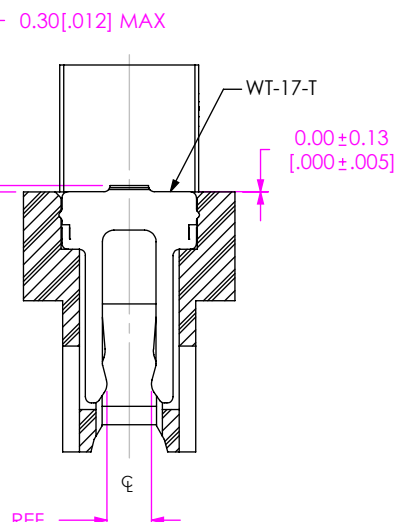
PLATING SPECIFICATION
-S: 30μ" SELECTIVE GOLD IN CONTACT AREA,
MATTE TIN ON TAIL
-L: 10μ" LIGHT SELECTIVE GOLD IN CONTACT AREA,
MATTE TIN ON TAIL

TAIL OPTION
-EM2: 1.57mm [.062] THICK PCB
-EM2L: 1.57mm [.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)



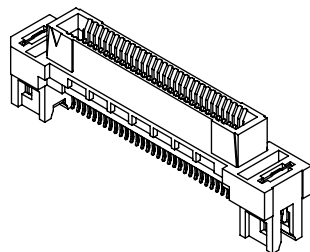
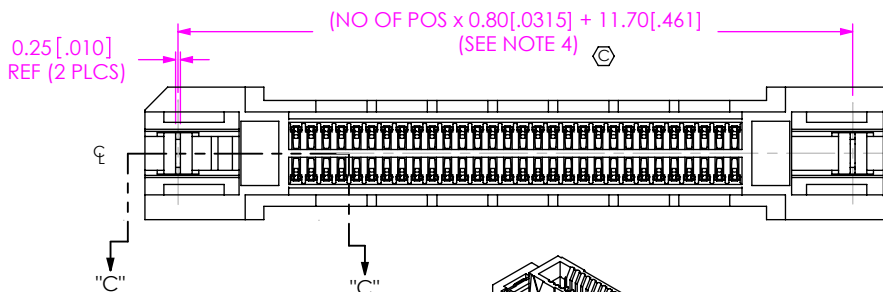
SECTION "A"- "A"
SCALE 4 : 1



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[.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 [.01] 2°
.XX: ± 0.13 [.005]
.XXX: ± 0.051 [.0020]

PROPRIETARY NOTE

THIS DOCUMENT CONTAINS INFORMATION
CONFIDENTIAL AND PROPRIETARY TO
SAMTEC, INC. AND SHALL NOT BE REPRODUCED
OR TRANSFERRED TO OTHER DOCUMENTS OR
DISCLOSED TO OTHERS OR USED FOR ANY
PURPOSE OTHER THAN THAT WHICH IT WAS
OBTAINED WITHOUT THE EXPRESSED WRITTEN
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

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 1 OF 3

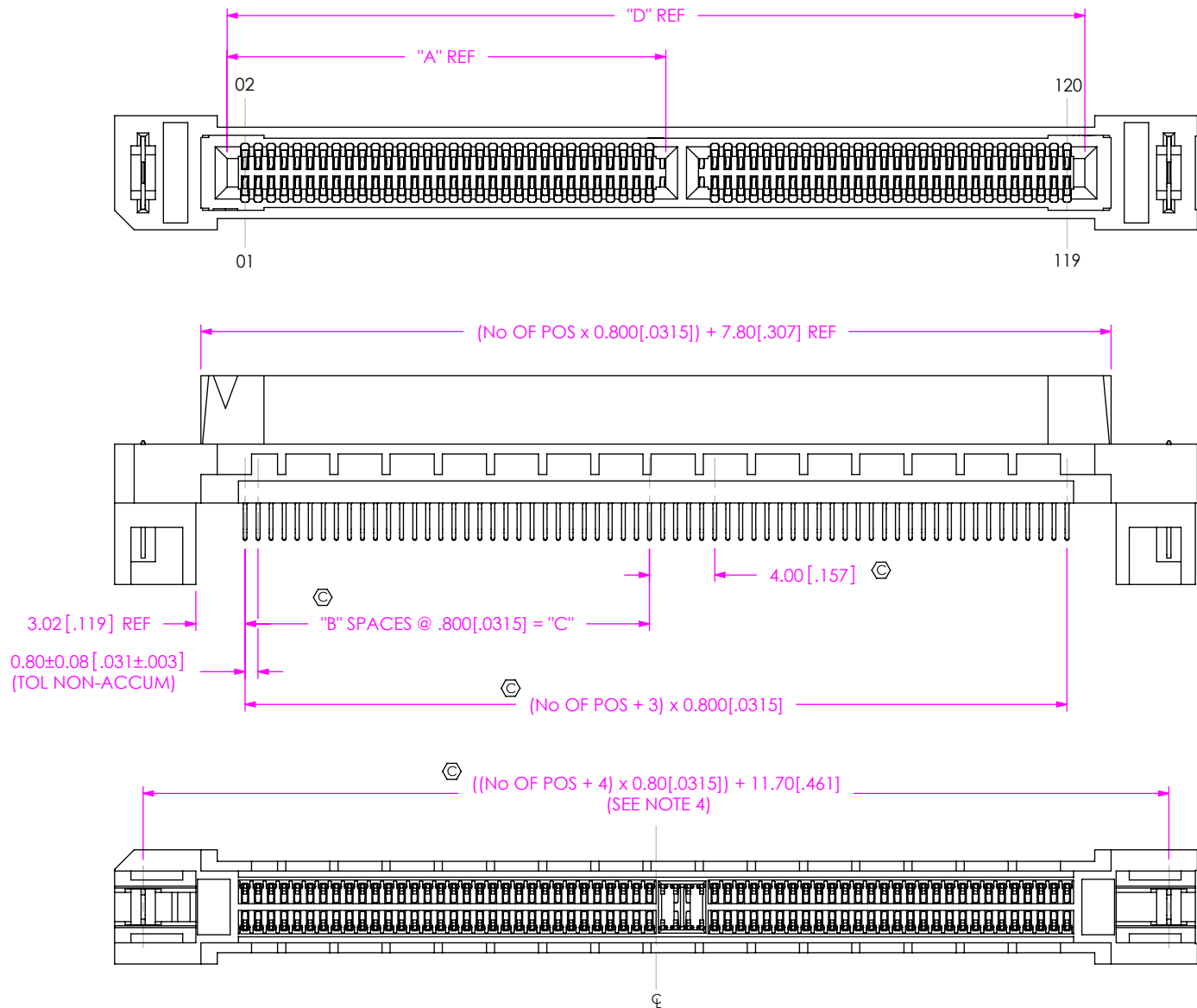


FIG 2

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

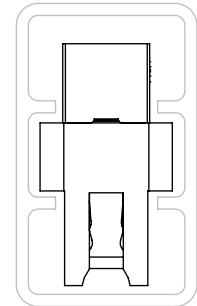
TABLE 2				
No OF POS	"A" REF	"B"	"C"	"D" REF
-13	6.10[.240]	5	4.000[.1575]	15.00[.591]
-25	6.10[.240]	5	4.000[.1575]	24.60[.969]
-37	18.10[.713]	20	16.000[.6299]	34.20[1.346]
-40	18.90[.744]	21	16.800[.6614]	36.600[1.441]
-49	22.90[.902]	26	20.800[.8189]	43.80[1.724]
-50	22.90[.902]	26	20.800[.8189]	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.SLDRW

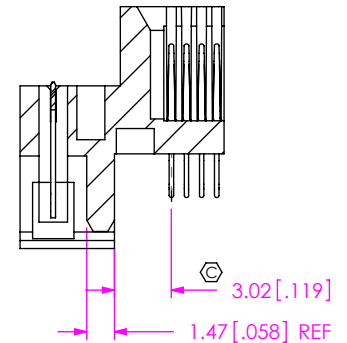
PACKAGING VIEW

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"

PROPRIETARY NOTE

THIS DOCUMENT CONTAINS INFORMATION
CONFIDENTIAL AND PROPRIETARY TO
SAMTEC, INC. AND SHALL NOT BE REPRODUCED
OR TRANSFERRED TO OTHER DOCUMENTS OR
DISCLOSED TO OTHERS OR USED FOR ANY
PURPOSE OTHER THAN THAT WHICH IT WAS
OBTAINED WITHOUT THE EXPRESSED WRITTEN
CONSENT OF SAMTEC, INC.

DO NOT SCALE DRAWING

SHEET SCALE: 1:0.4

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:

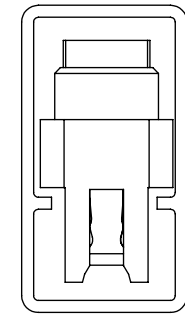
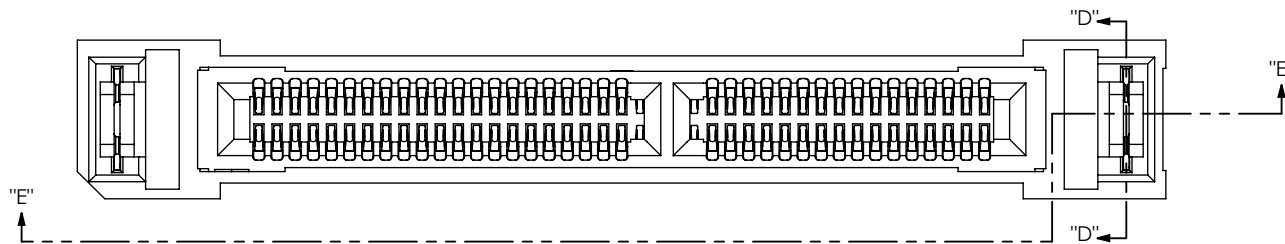
0.8mm HIGH SPEED, DUAL EDGE MOUNT, MINI-EDGE CARD ASSEMBLY

DWG. NO.

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

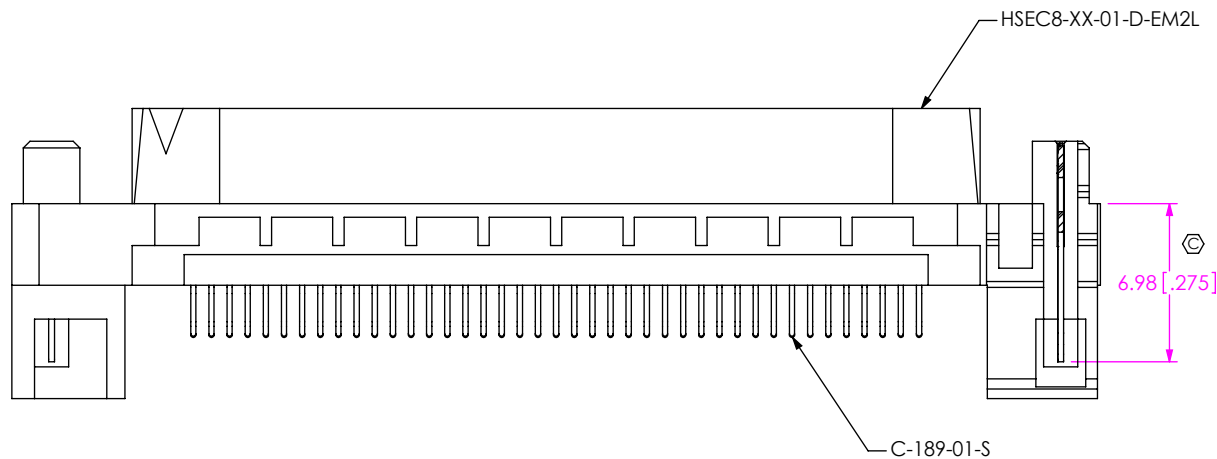
BY: BRATCHER 01/27/03

SHEET 2 OF 3

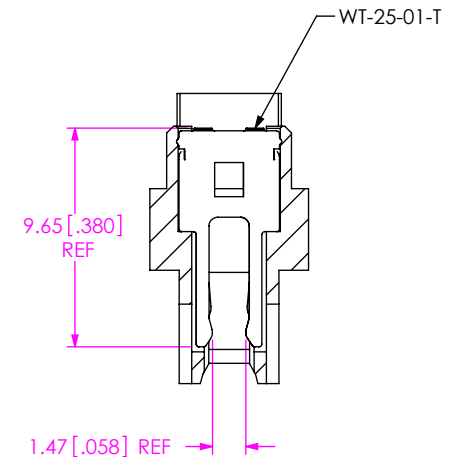


TUBE: PT-1-24-01-108
PLUG: TP-13

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)

PROPRIETARY NOTE
THIS DOCUMENT CONTAINS INFORMATION
CONFIDENTIAL AND PROPRIETARY TO
SAMTEC, INC. AND SHALL NOT BE REPRODUCED
OR TRANSFERRED TO OTHER DOCUMENTS OR
DISCLOSED TO OTHERS OR USED FOR ANY
PURPOSE OTHER THAN THAT WHICH IT WAS
OBTAINED WITHOUT THE EXPRESSED WRITTEN
CONSENT OF SAMTEC, INC.

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