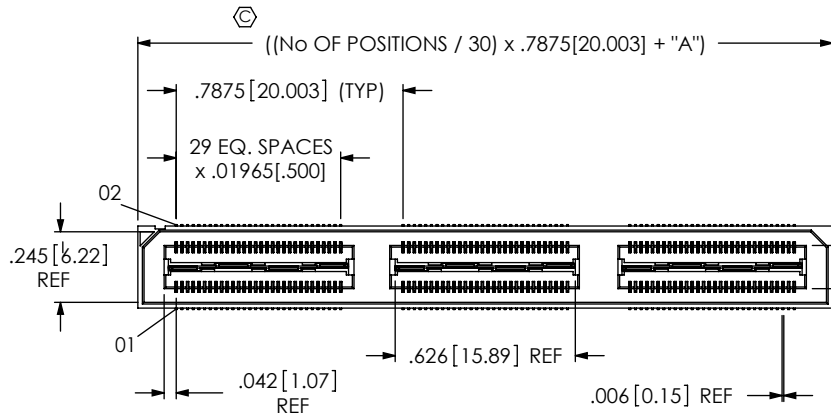


DO NOT SCALE FROM THIS PRINT

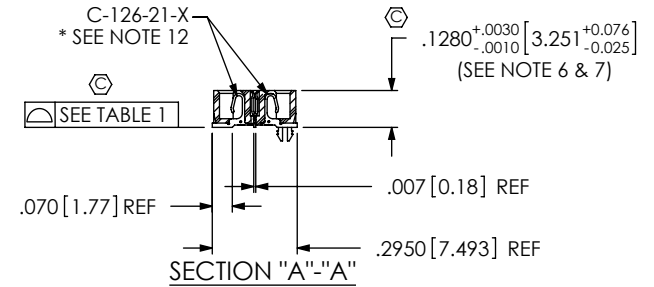
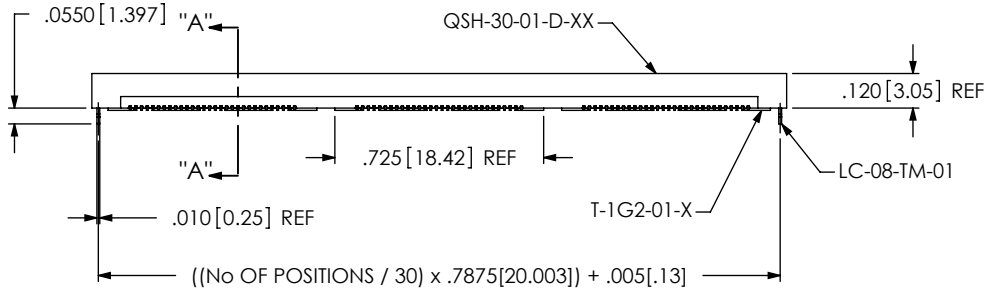
FIG 1
-LC: LOCKING CLIP OPTION SHOWN



No OF POSITIONS
-030, -060, -090,
* -120 * -150
(PER ROW)
* SEE NOTE 11
LEAD STYLE
-01: .1280[3.25]

PLATING SPECIFICATION
(SEE NOTES 8, 10 & 12)
-S: 30 μ " SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL (USE C126-21-S/T-1G2-01-L)
-F: 3 μ " FLASH SELECTIVE IN CONTACT AREA, MATTE TIN ON TAIL (USE C126-21-F/T-1G2-01-F) (SEE NOTE 11)
-L: 10 μ " LIGHT SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL (USE C126-21-L/T-1G2-01-L)
-H: 30 μ " HEAVY GOLD IN CONTACT AREA, 3 μ " GOLD ON TAIL (USE C126-21-H/T-1G2-01-G)
-C: 50 μ " ELECTRO-POLISHED SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL (USE C126-21-C/T-1G2-01-L)

OPTION
-A: ALIGNMENT PINS (USE QSH-30-01-D-XX-A, SEE FIG 2) (NOT AVAILABLE WITH -LC)
-LC: LOCKING CLIPS (USE LC-08-TM-01) (NOT AVAILABLE WITH -A) (SEE NOTE 13)
-GP: GUIDE POSTS (USE QSH-30-01-D-XX-X-GP) (SEE FIG 4, SHEET 3) (TAPE & REEL FOR -GP, 60 POS MAX)
-K: POLYIMIDE FILM PAD (USE K-DOT-.325-.450-.005, SEE FIG 3)
-TR: TAPE & REEL (90 POS MAX)
-FL: FRICTION LOCKS (SEE FIG 5, SHEET 3) (NOT AVAILABLE WITH -GP)
-RT1: RETENTION (MUST USE -A OPTION) (USE QSH-30-01-D-XX-A-RT1 & SUB-SC-05-01-FF) (SEE FIG 6, SHEET 3) (NOT AVAILABLE WITH -LC, -GP, OR -FL) (NOT AVAILABLE WITH -120 & -150 POS)
-L: LATCHING (SEE FIG 7, SHEET 4) (USE QSH-30-01-D-XX-A-L) (NOT AVAILABLE WITH -LC, -GP, -FL, OR -RT1) (NOT AVAILABLE WITH -120 & -150 POS)
ROW SPECIFICATION
-D: DOUBLE (USE QSH-30-01-D-XX)



- NOTES:
1. $\text{\textcircled{C}}$ REPRESENTS A CRITICAL DIMENSION.
 2. NOTE DELETED.
 3. CONTACT RETENTION: 8 OZ. MINIMUM.
 4. GROUND PLANE RETENTION: 8 OZ. MINIMUM.
 5. BURR ALLOWANCE: .0015[.038] MAX.
 6. MAX VARIANCE: .002[.05].
 7. DIMENSION APPLIES TO CONTACT & GROUND PLANE.
 8. -L PLATING CAN BE SUBSTITUTED FOR -F PLATING.
 9. SUB-SC-05-01-XX RETENTION TO BE 1.0 LBF IN BODY.
 10. MAY SUB C-126-01 FOR C-126-21.
 11. FOR NEW APPLICATIONS REQUIRING THESE POSITIONS, PLEASE CONTACT SAMTEC INTERCONNECT PROCESSING GROUP.
 12. FOR -120, -150 POSITIONS USE C-269-11-X. DO NOT SUB C-126.
 13. 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.

AN

TABLE 1	
No OF POS	COPLANARITY INCLUDING GROUND PLANE
-030 THRU -060	.0040[.102]
-090 THRU -150	.0060[.152]

TABLE 2	
No OF BANKS	"A"
1-2	.0515
3-4	.0540
5	.0535

CPC FREQUENCY THIS SHEET	
A	C1, C3, C7
B	
C	
D	

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE:
DECIMALS ANGLES
.XX: $\pm .01[.3]$ 2°
.XXX: $\pm .005[.13]$
.XXXX: $\pm .0020[.051]$

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.



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

MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 1:0.6646 DESCRIPTION:
INSULATOR: BLACK, LCP, UL 94 VO
CONTACT & GROUND PLANE: PHOS BRONZE

.75mm DOUBLE ROW HS SOCKET ASSEMBLY
DWG. NO. QSH-XXX-01-X-D-XXX
BY: DEAN P 05/21/1999 SHEET 1 OF 4

FIG 2
-A: ALIGNMENT PIN OPTION

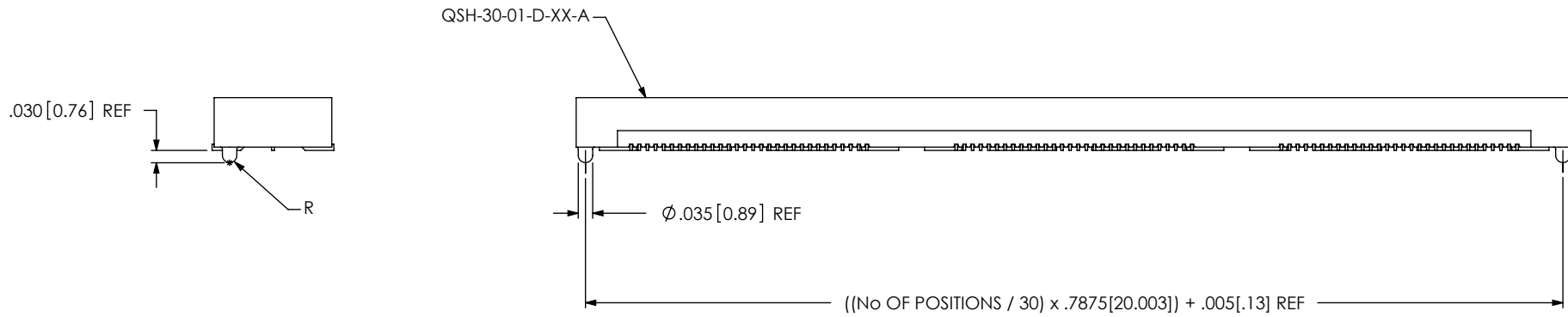
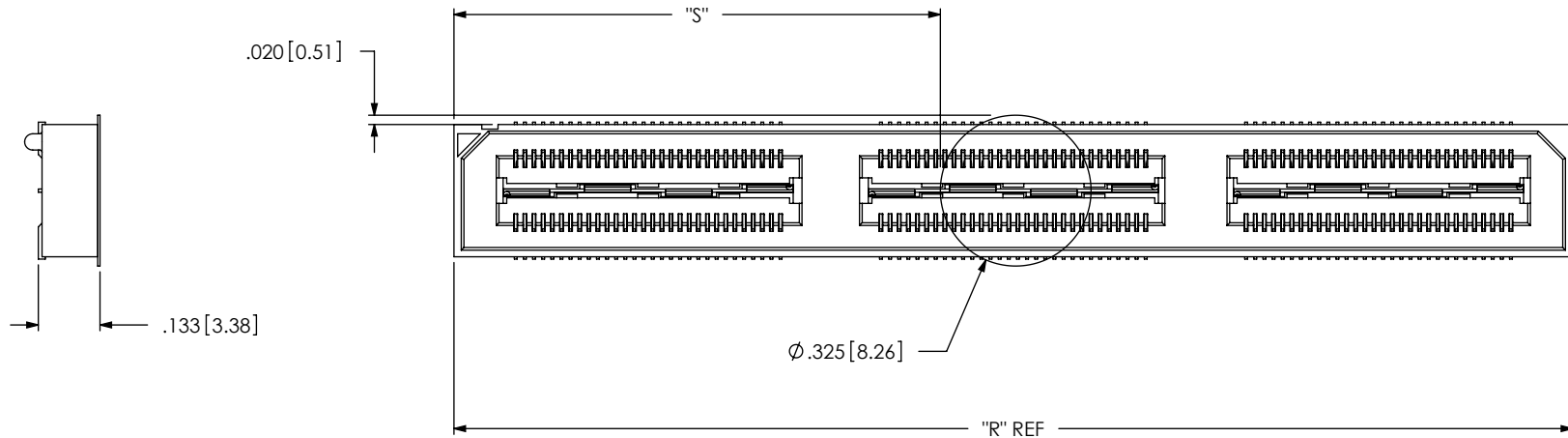


FIG 3
-K: POLYIMIDE FILM PAD
[USE K-DOT-.325-.450-.005]



NOTE: "R" = ((No OF POSITIONS / 30) x .7875[20.003]) + .050[1.27]
 WITH -RT1 OPTION: "R" = ((No OF POSITIONS / 30) x .7875[20.003]) + .650[16.51] REF
 WITH -GP OPTION: "R" = ((No OF POSITIONS / 30) x .7875[20.003]) + .4285[10.884] REF
 "S" = (("R" - .325[8.26]) / 2) ± .020[.51]

CPC FREQUENCY THIS SHEET	
A	C8, C9
B	
C	
D	

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: 2.5:1



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

DESCRIPTION: .5mm DOUBLE ROW HS SOCKET ASSEMBLY

DWG. NO. QSH-XXX-01-X-D-XXX

BY: DEAN P 05/21/1999 SHEET 2 OF 4

FIG 4

-GP: GUIDE POSTS
(SAME AS FIG 1, UNLESS OTHERWISE STATED)

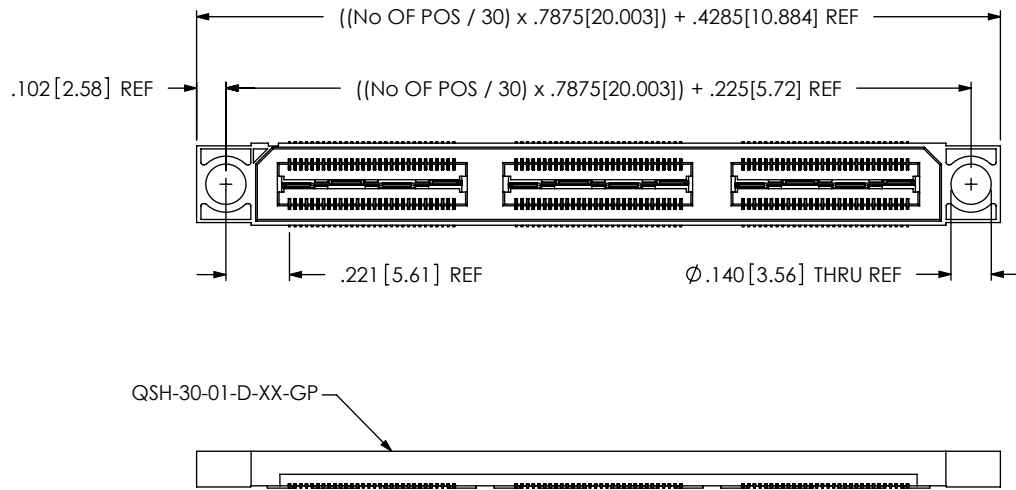


FIG 5

-FL: FRICTION LOCKS
(NOT AVAILABLE WITH -GP OPTION)
(SAME AS FIG 1, UNLESS OTHERWISE STATED)

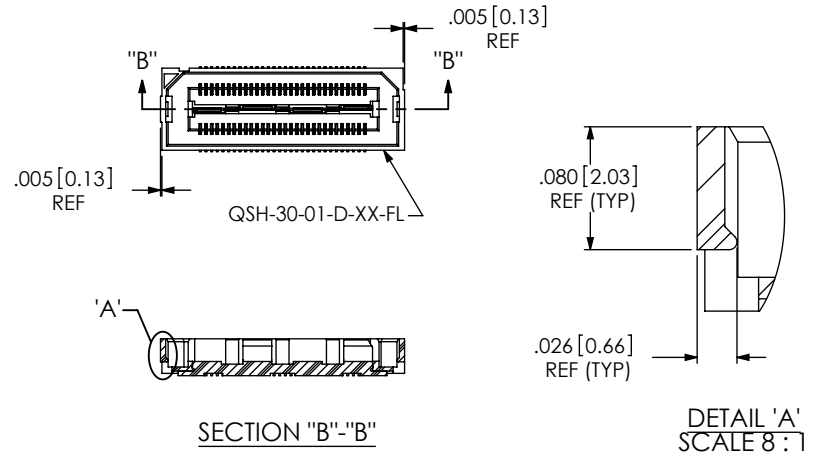
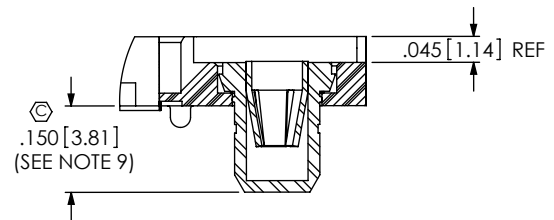
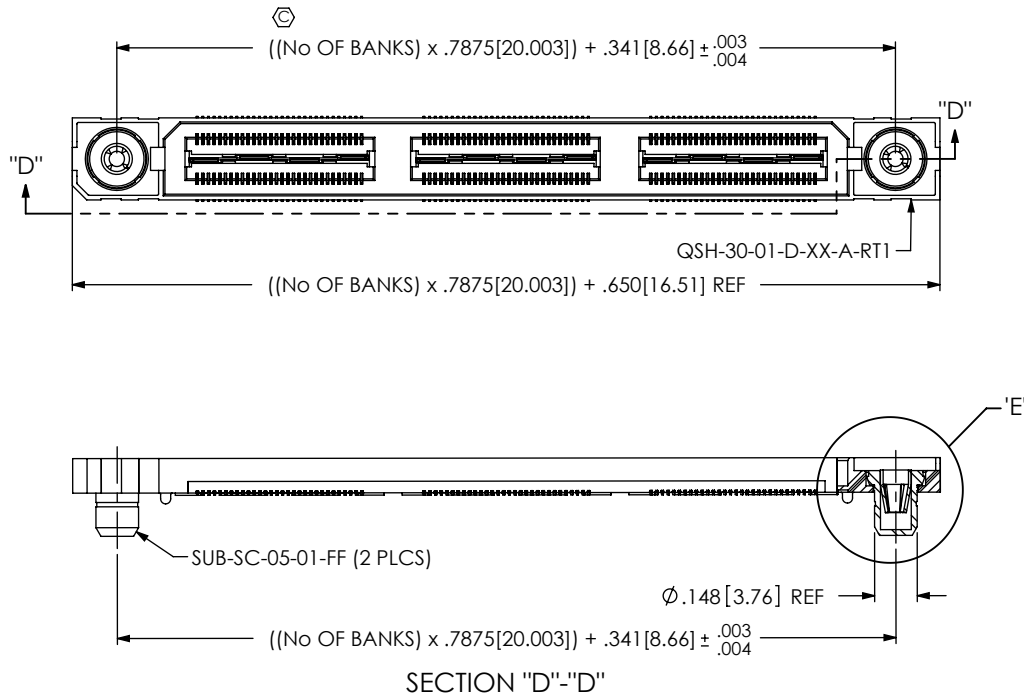


FIG 6

-RT1: RETENTION OPTION
(MUST USE -A OPTION)
(NOT AVAILABLE WITH -LC, -GP, OR -FL OPTIONS)
(NOT AVAILABLE WITH -120 & -150 POS)
(SAME AS FIG 1, UNLESS OTHERWISE STATED)



DETAIL 'E'
SCALE 3 : 1

CPC FREQUENCY THIS SHEET	
A	C4, C6, C10
B	
C	
D	

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: 1.5:1

samtec

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

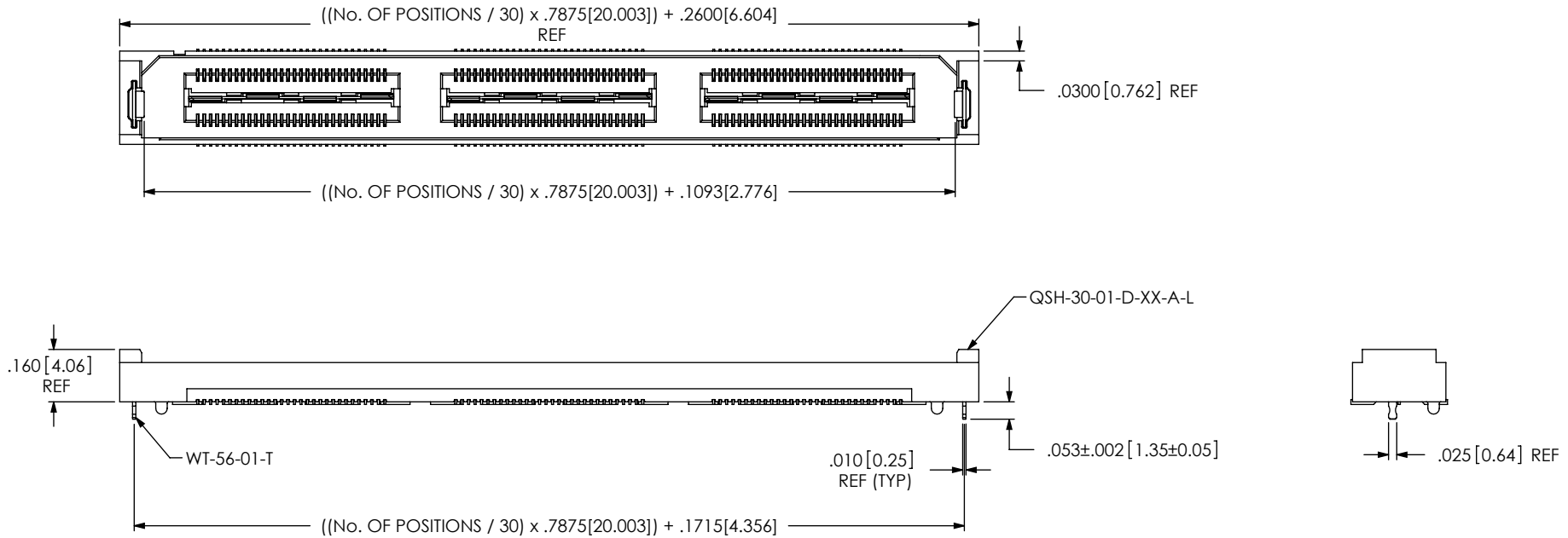
DESCRIPTION:
.5mm DOUBLE ROW HS SOCKET ASSEMBLY

DWG. NO.
QSH-XXX-01-X-D-XXX

BY: DEAN P 05/21/1999 SHEET 3 OF 4

FIG 7

-L: RETENTION OPTION
 (NOT AVAILABLE WITH -LC, -GP, -FL, OR -RT1 OPTIONS)
 (NOT AVAILABLE WITH -120 & -150 POS)
 (SAME AS FIG 1, UNLESS OTHERWISE STATED)




CPC FREQUENCY THIS SHEET	
A	C11, C12, C13
B	
C	
D	

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: 2:1

 520 PARK EAST BLVD, NEW ALBANY, IN 47150 PHONE: 812-944-6733 FAX: 812-948-5047 e-Mail info@SAMTEC.com code 55322	
DESCRIPTION: .5mm DOUBLE ROW HS SOCKET ASSEMBLY	
DWG. NO. QSH-XXX-01-X-D-XXX	
BY: DEAN P	05/21/1999
SHEET 4 OF 4	