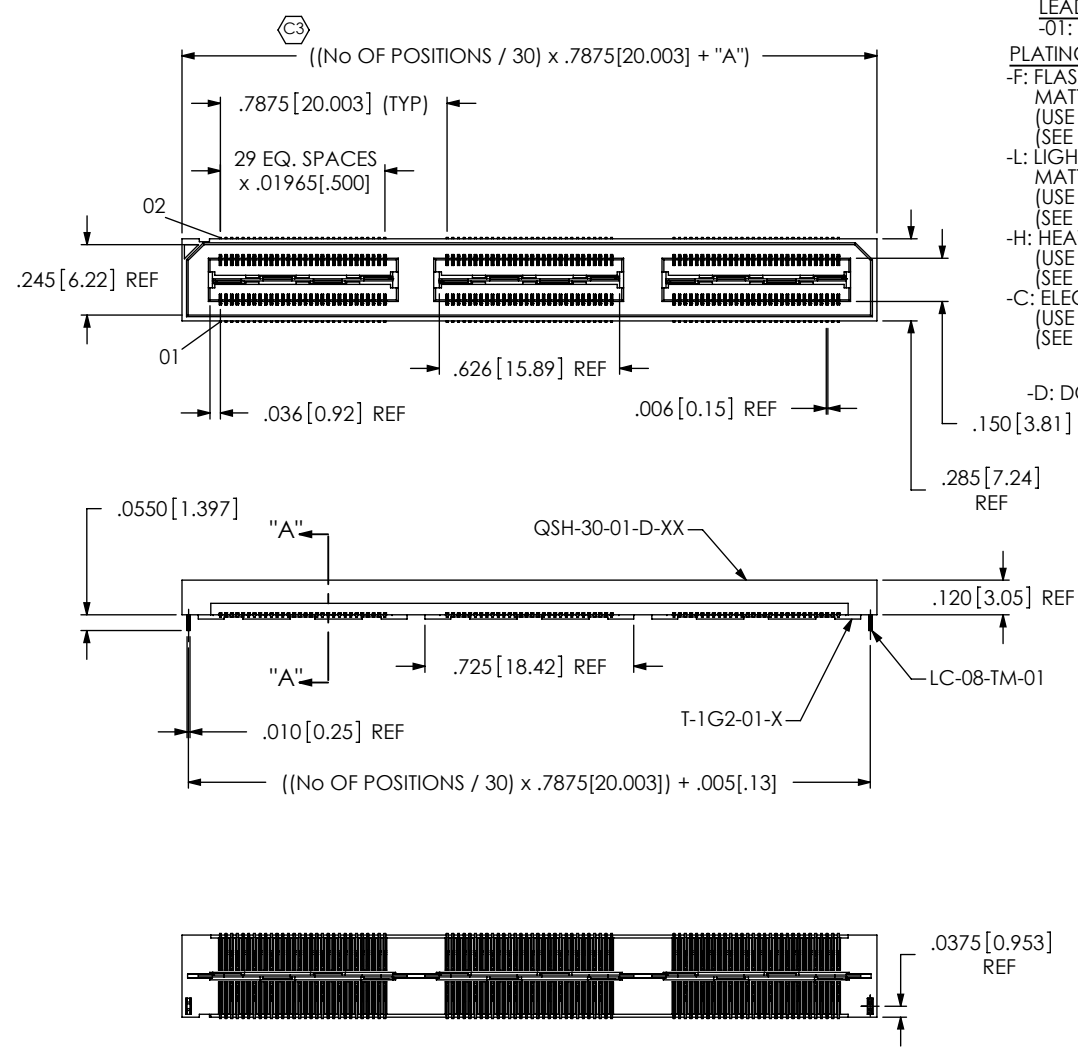


FIG. 1

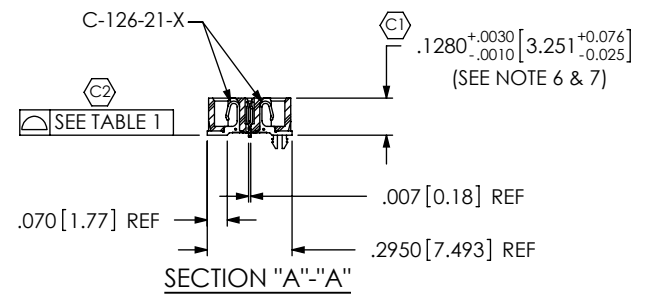
-LC: LOCKING CLIP OPTION SHOWN

DO NOT SCALE FROM THIS PRINT



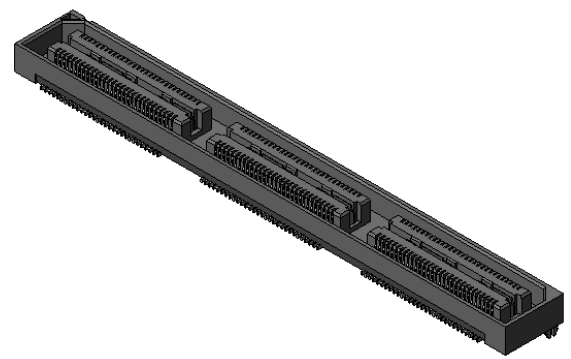
QSH-XXX-01-X-D-XXX

- No OF POSITIONS**
- 030, -060, -090, *-120, *-150 (PER ROW)
 - *SEE NOTE 11
- LEAD STYLE**
- 0T: .1280[3.25]
- PLATING SPECIFICATION**
- F: FLASH SELECTIVE GOLD WITH MATTE TIN TAILS (USE C-126-21-F, T-1G2-01-F) (SEE NOTE 8 & 10)
 - L: LIGHT SELECTIVE GOLD WITH MATTE TIN TAILS (USE C-126-21-L, T-1G2-01-L) (SEE NOTE 10)
 - H: HEAVY GOLD (USE C-126-21-H, T-1G2-01-G) (SEE NOTE 10)
 - C: ELECTRO-POLISHED SELECTIVE (USE C-126-21-C, T-1G2-01-L) (SEE NOTE 10)
- ROW SPECIFICATION**
- D: DOUBLE (USE QSH-30-01-D-XX)
- OPTION**
- A: ALIGNMENT PINS (USE QSH-30-01-D-XX-A, SEE FIG. 2)
 - LC: LOCKING CLIPS (USE LC-08-TM-01)
 - 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)
- No OF BANKS**



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, -G PLATED GROUND PLANE CAN BE SUBSTITUTED FOR -F PLATED GROUND PLANE.
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.



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

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

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE:

DECIMALS	ANGLES
.XX: $\pm .01[.3]$	2°
.XXX: $\pm .005[.13]$	
.XXXX: $\pm .0020[.051]$	

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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: 1.5:1	DESCRIPTION:
INSULATOR: BLACK LCP			.5mm DOUBLE ROW HS SOCKET ASSEMBLY
CONTACT & GROUND PLANE: PHOS BRONZE			DWG. NO.
			QSH-XXX-01-X-D-XXX
			BY: DEAN P 05/21/1999
			SHEET 1 OF 3

FIG. 2
-A: ALIGNMENT PIN OPTION

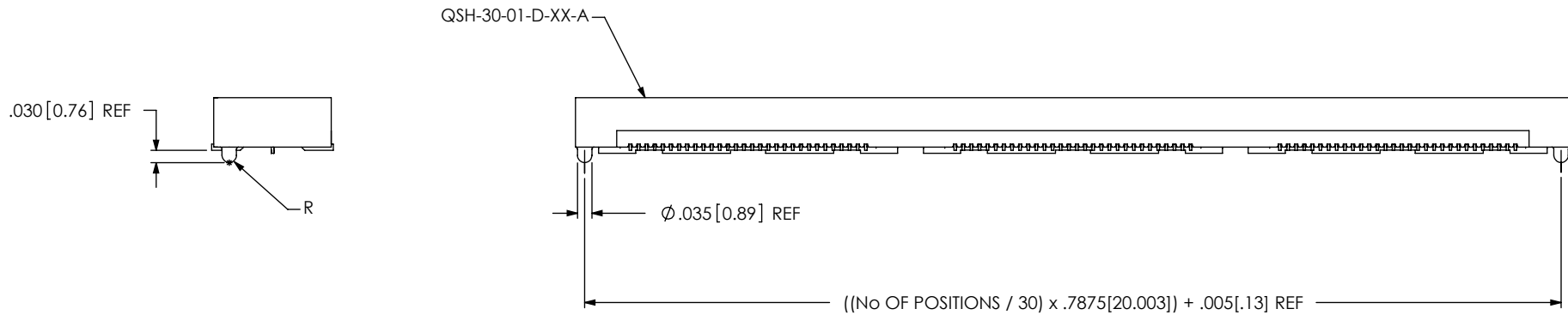
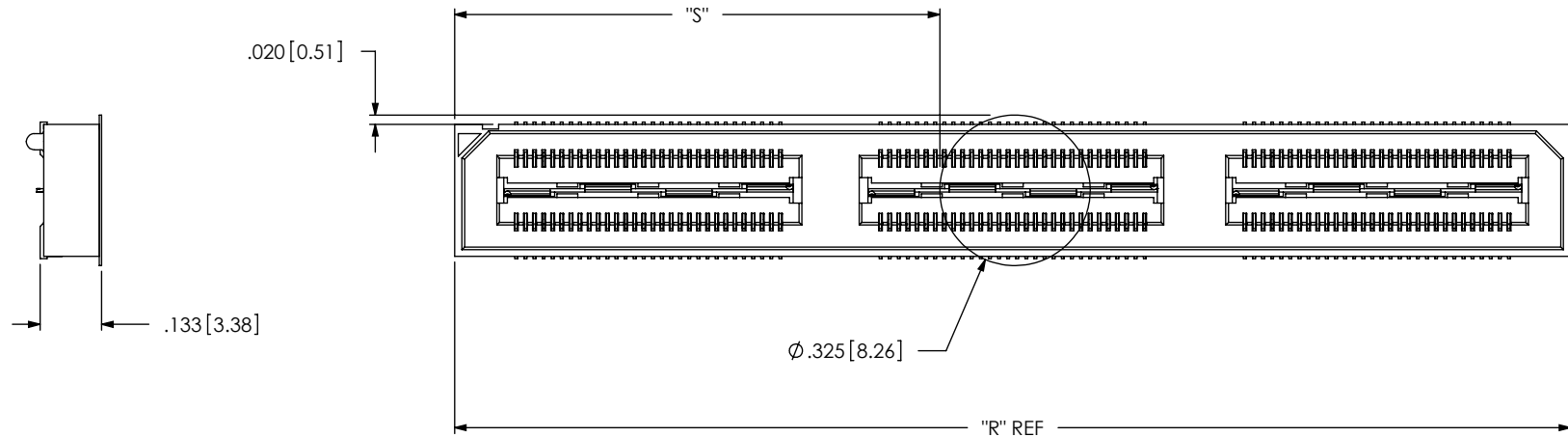


FIG. 3
-K: POLYIMIDE FILM PAD
[USE K-DOT-.325-.450-.005]



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]


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	<p>520 PARK EAST BLVD, NEW ALBANY, IN 47150 PHONE: 812-944-6733 FAX: 812-948-5047 e-Mail: info@SAMTEC.com code: 55322</p>	
	<p>DESCRIPTION: .5mm DOUBLE ROW HS SOCKET ASSEMBLY</p>	
	<p>DWG. NO. QSH-XXX-01-X-D-XXX</p>	
<p>BY: DEAN P 05/21/1999</p>		<p>SHEET 2 OF 3</p>

FIG. 4

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

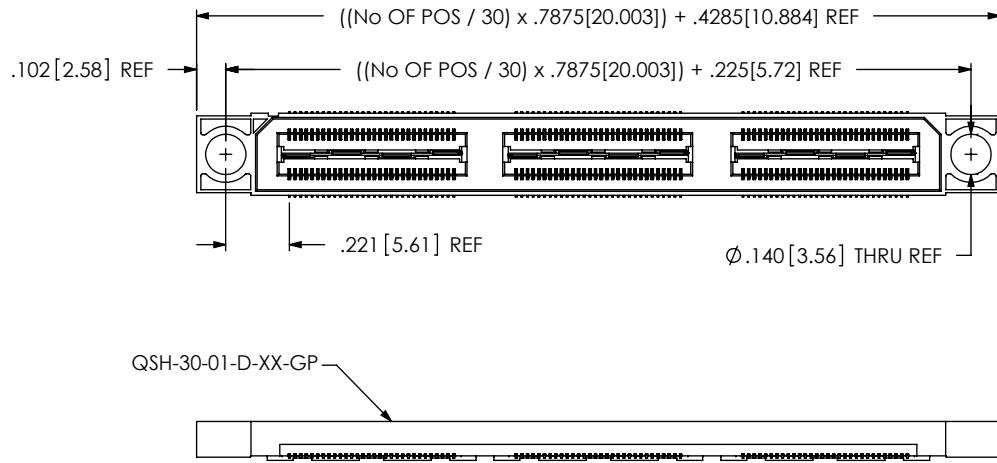


FIG. 5

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

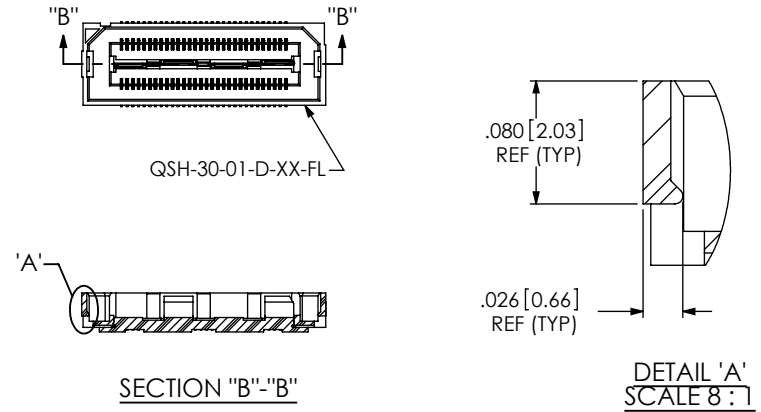
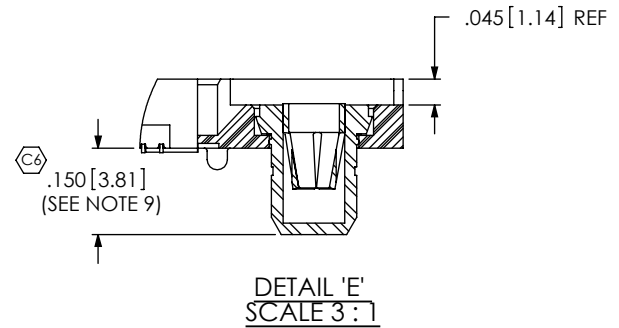
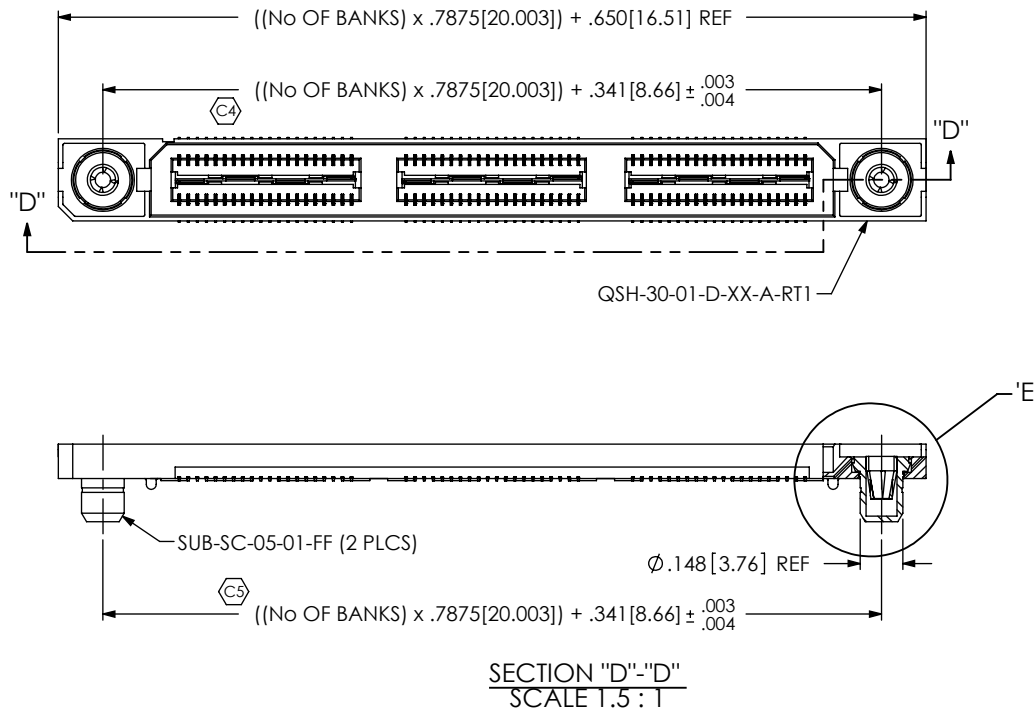


FIG. 6

-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)



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DO NOT SCALE DRAWING

SHEET SCALE: 1.5:1

samtec

520 PARK EAST BLVD, NEW ALBANY, IN 47150
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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 3