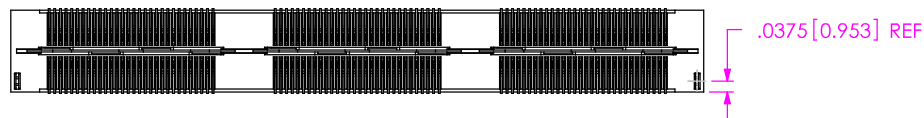
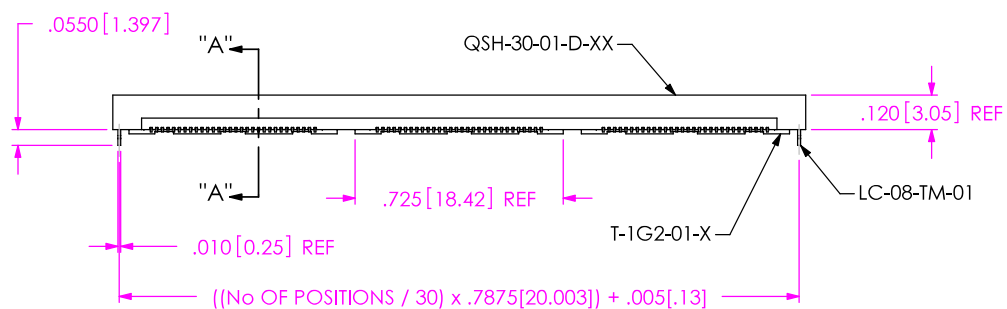
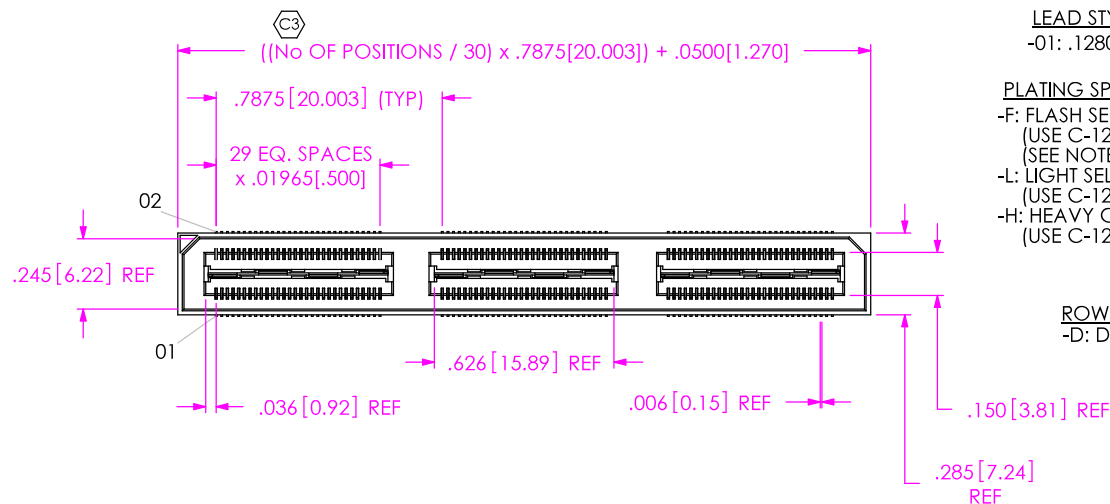


FIG. 1

-LC: LOCKING CLIP OPTION SHOWN



QSH-XXX-01-X-D-XX

## No OF POSITIONS

-030, -060, -090,  
-120, -150  
(PER ROW)

## LEAD STYLE

-01: .1280[3.25]

## PLATING SPECIFICATION

-F: FLASH SELECTIVE GOLD  
(USE C-126-01-F, T-1G2-01-F)  
(SEE NOTE 8)  
-L: LIGHT SELECTIVE GOLD  
(USE C-126-01-L, T-1G2-01-G)  
-H: HEAVY GOLD  
(USE C-126-01-H, T-1G2-01-G)

## ROW SPECIFICATION

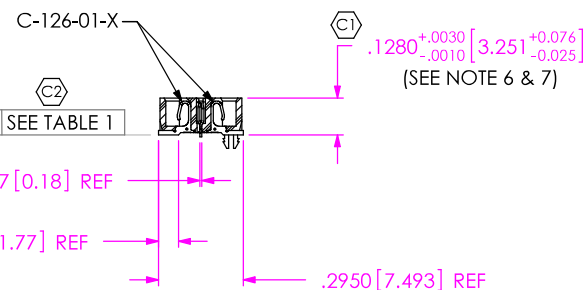
-D: DOUBLE (USE QSH-30-01-D-XX)

## 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: POLYAMIDE FILM PAD  
(USE K-850-650, SEE FIG. 3)  
-TR: TAPE & REEL (90 POS MAX)  
-TY: TRAY PACKAGING  
(NOT AVAILABLE WITH -TR)  
-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)

No OF BANKS

R



## SECTION "A"- "A"

## NOTES:

1.  $\odot$  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.

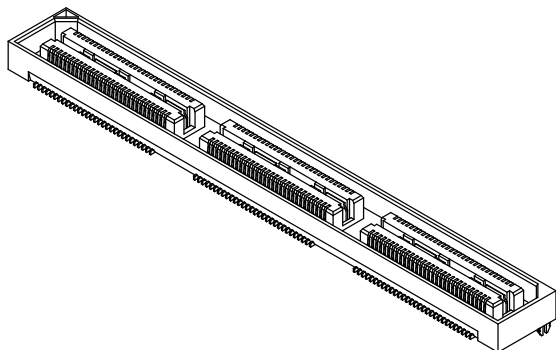


TABLE 1

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

UNLESS OTHERWISE SPECIFIED,  
DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS

ANGLES

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

2°

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MATERIAL:

DO NOT SCALE DRAWING

SHEET SCALE: 1.5:1

INSULATOR: BLACK LCP  
CONTACT & GROUND PLANE: PHOS BRONZE

DESCRIPTION:

.5mm DOUBLE ROW HS SOCKET ASSEMBLY

DWG. NO.

QSH-XXX-01-X-D-XX

BY: DEAN P

05/21/1999

SHEET 1 OF 3

F:\DWG\MISC\MKTG\QSH-XXX-01-X-D-XX-MKT.SLDDRW

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e-Mail: [INFO@SAMTEC.COM](mailto:INFO@SAMTEC.COM) CODE: 55322

FIG. 2

-A: ALIGNMENT PIN OPTION

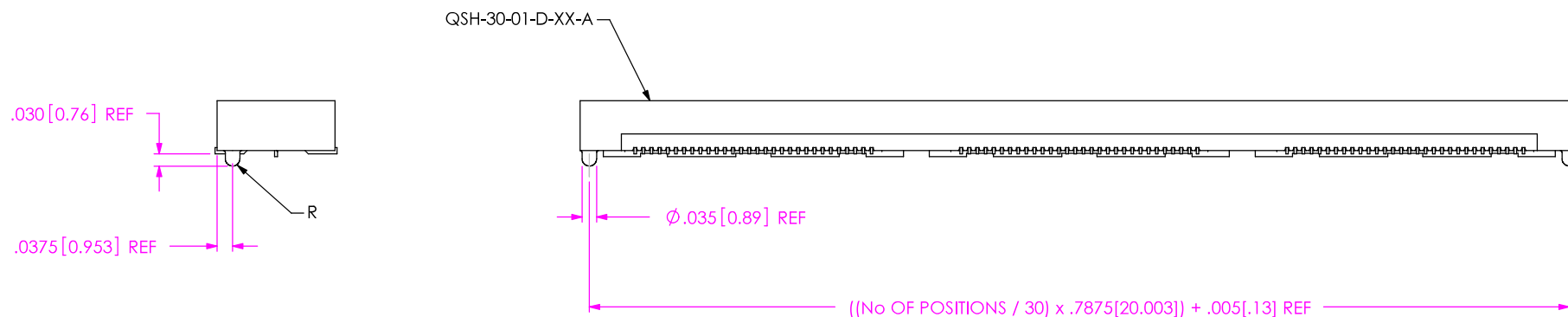
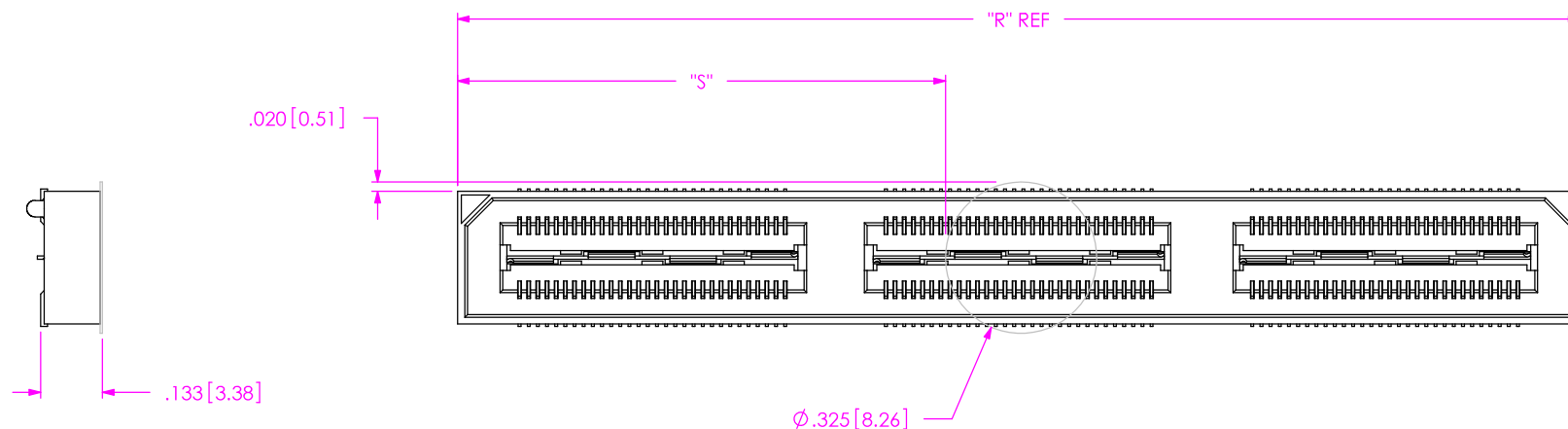


FIG. 3

-K: POLYAMIDE FILM PAD  
[USE K-850-650]



NOTE: "R" = ((No OF POSITIONS / 30) x .7875[20.003]) + .050[1.27]  
"S" = (("R" - .325[8.26]) / 2) ±.020[.51]

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SHEET SCALE: 2.5:1

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DESCRIPTION:  
.5mm DOUBLE ROW HS SOCKET ASSEMBLY

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

BY: DEAN P 05/21/1999 SHEET 2 OF 3

FIG. 4

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

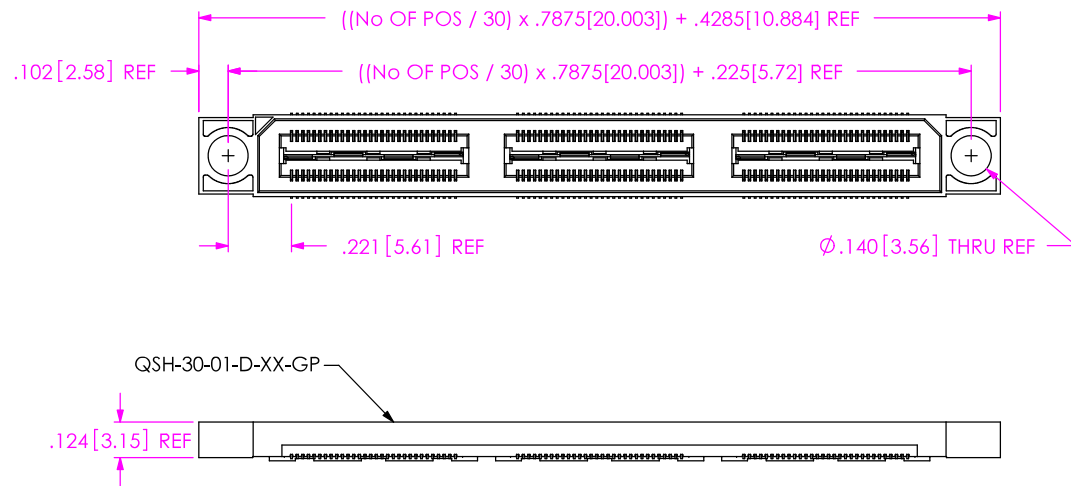
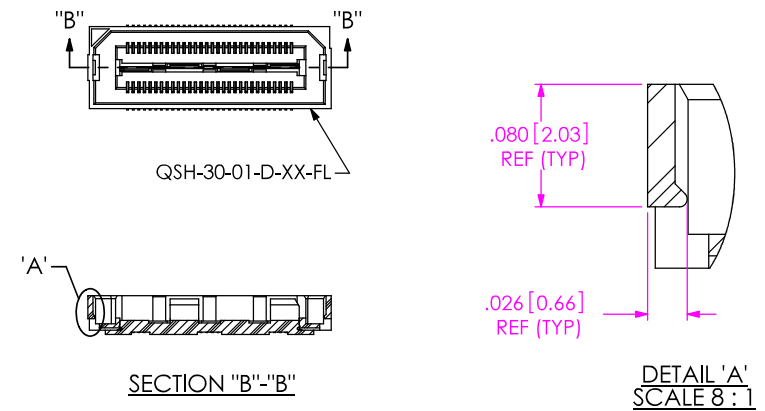
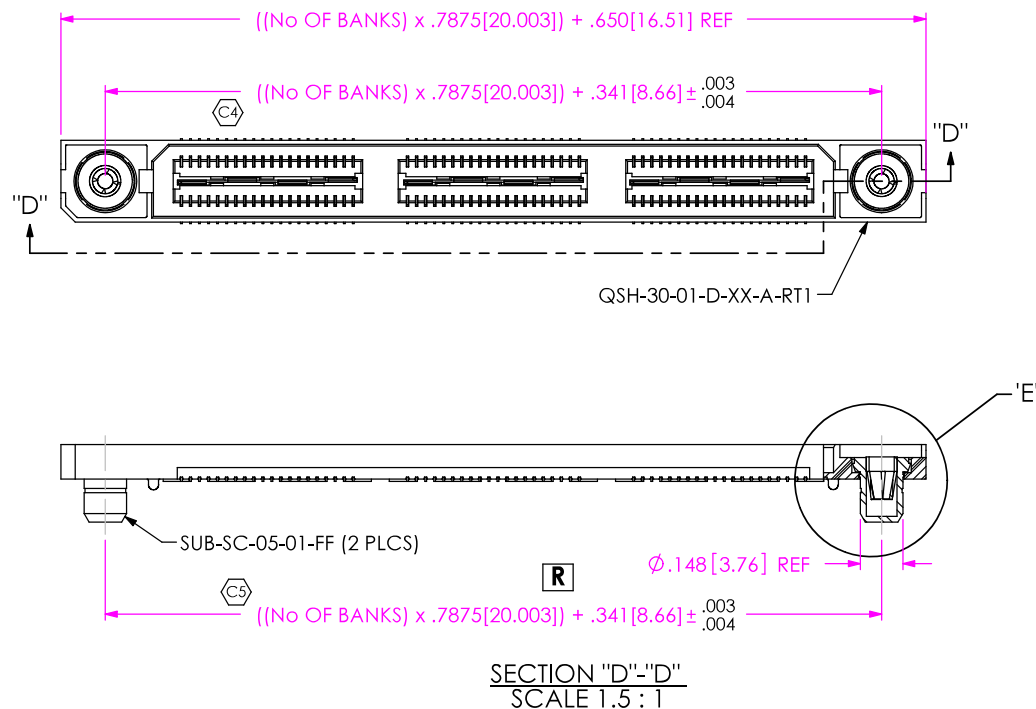


FIG. 5

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



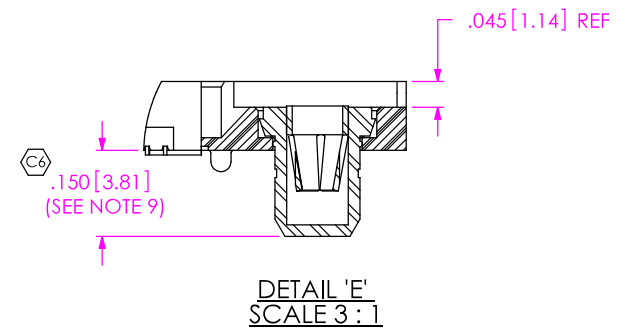
R



R

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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DESCRIPTION:  
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DWG. NO. **QSH-XXX-01-X-D-XX**

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