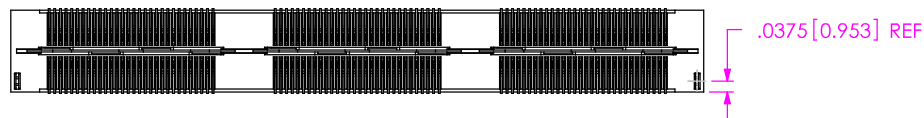
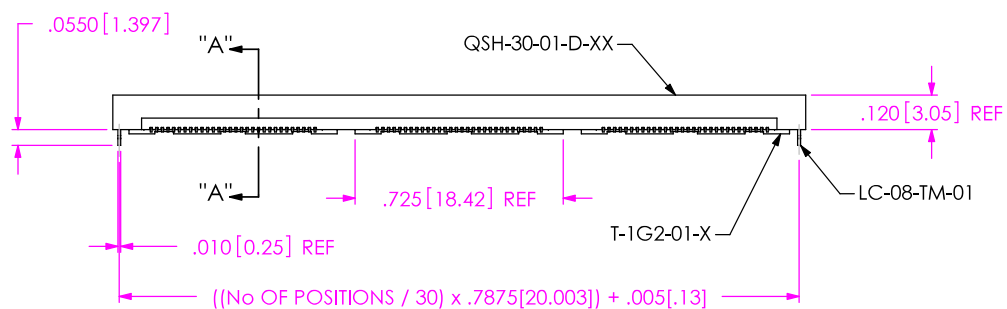
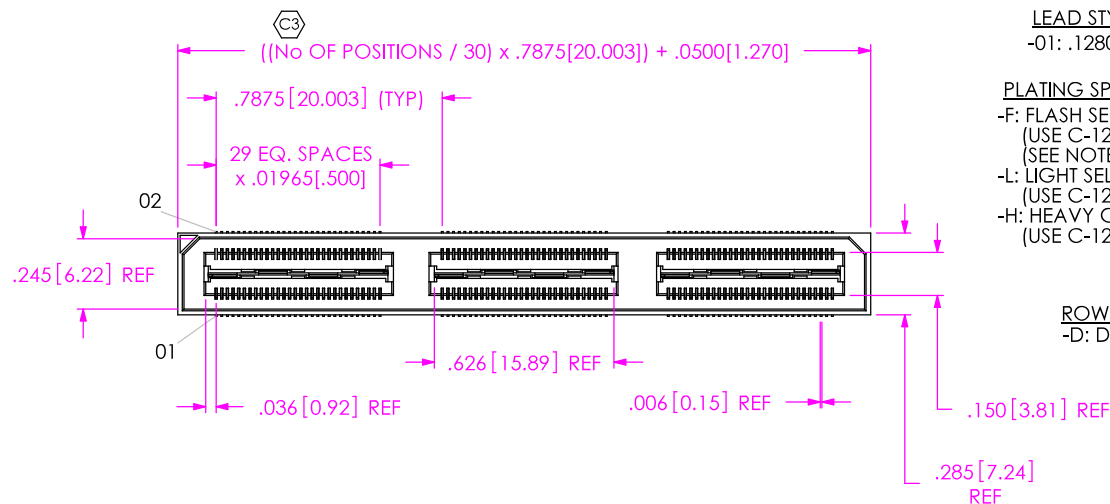


FIG. 1

-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)

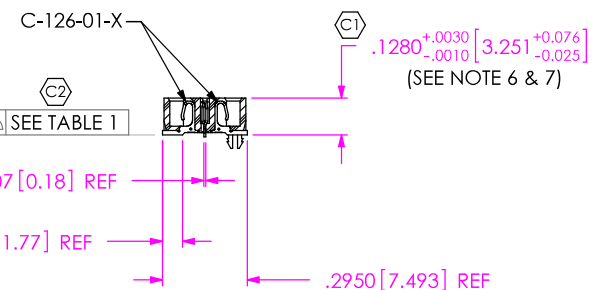
ROW SPECIFICATION

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

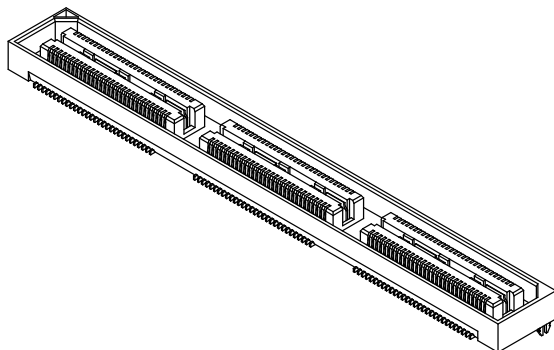
OPTION

-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 INCLUDING GROUND PLANE
-030 THRU -060	.0040[.102]
-090 THRU -150	.0060[.152]

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS

.XX: $\pm .01[.3]$

.XXX: $\pm .005[.13]$

.XXXX: $\pm .0020[.051]$

ANGLES

2°

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

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

SAMTEC

520 PARK EAST BLVD, NEW ALBANY, IN 47150
* PHONE: 812.944.6733 FAX: 812.948.5047
e-Mail: INFO@SAMTEC.COM CODE: 55322

FIG. 2

-A: ALIGNMENT PIN OPTION

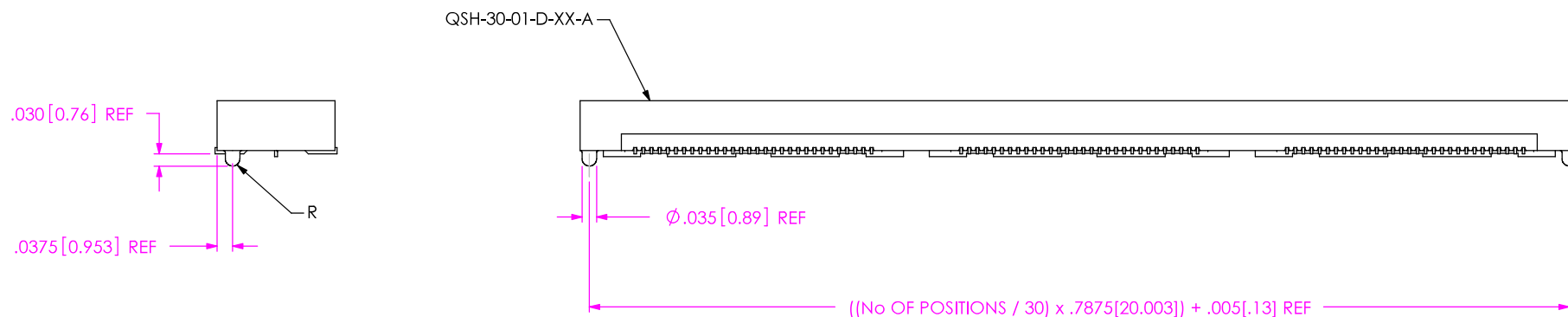
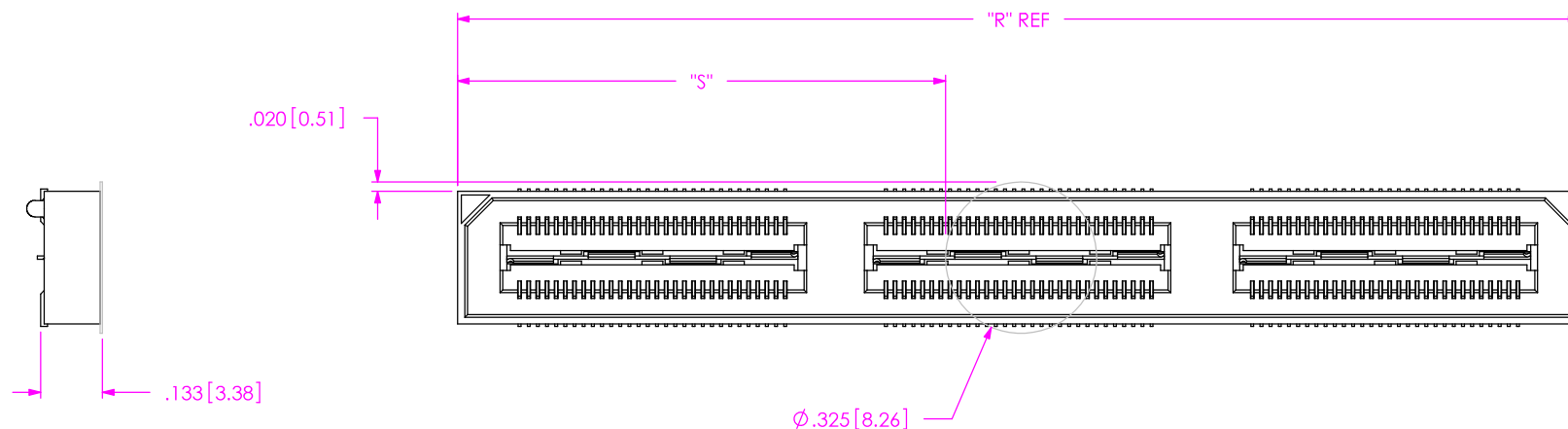


FIG. 3

-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]

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

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-XX

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

FIG. 4

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

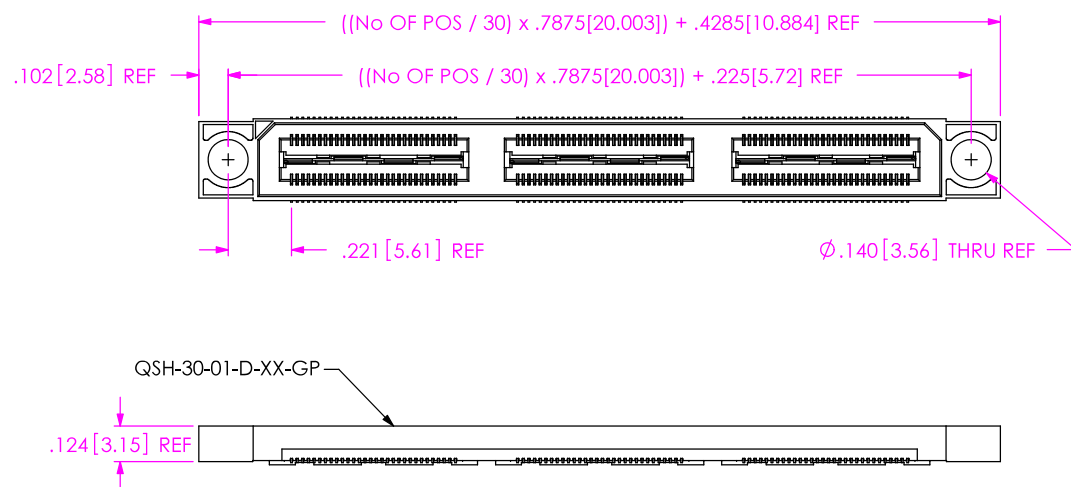
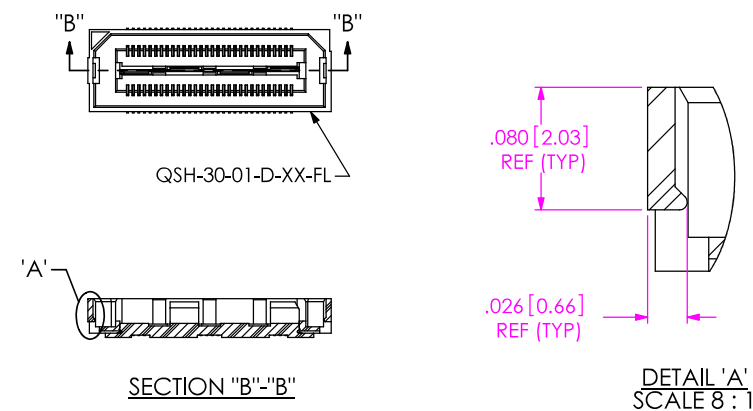
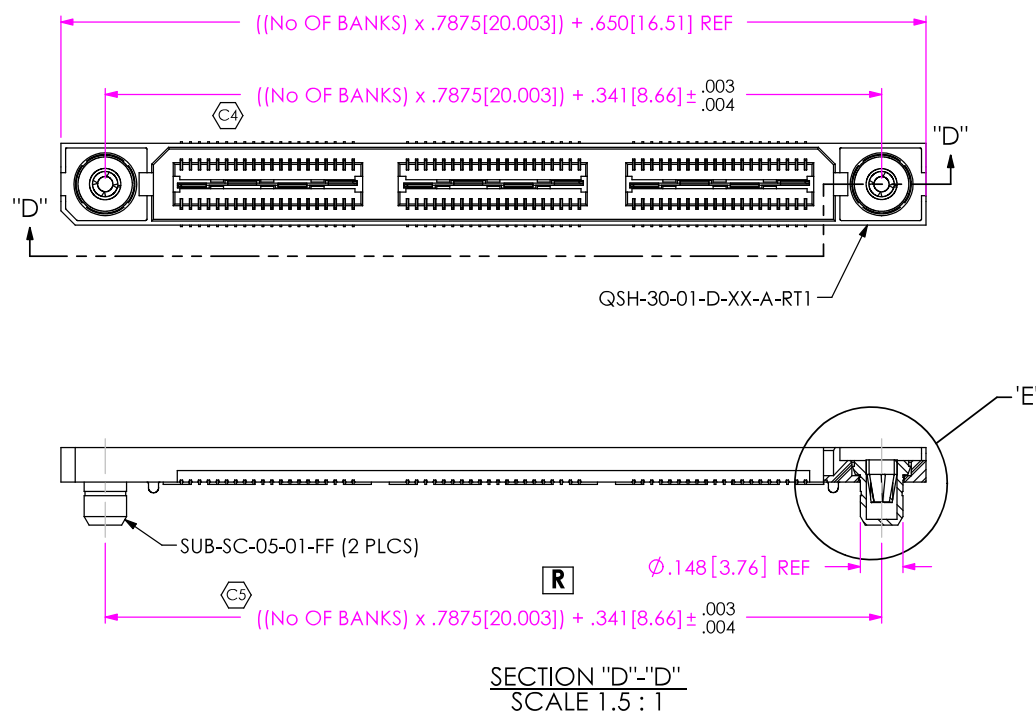


FIG. 5

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



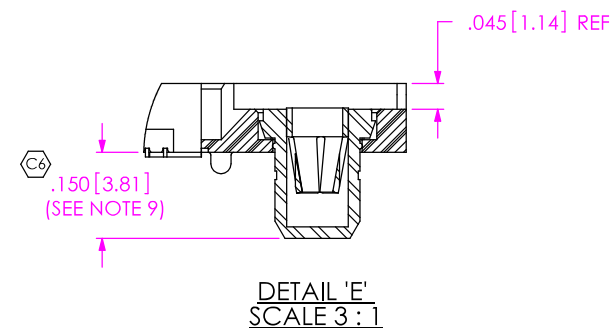
R



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)



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-XX**

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