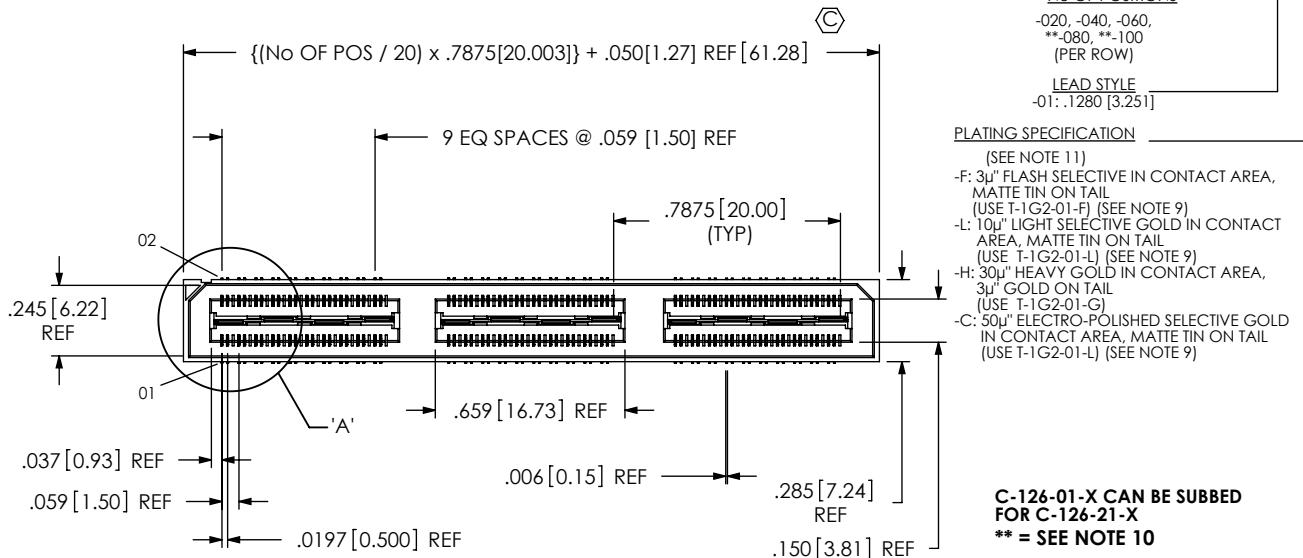


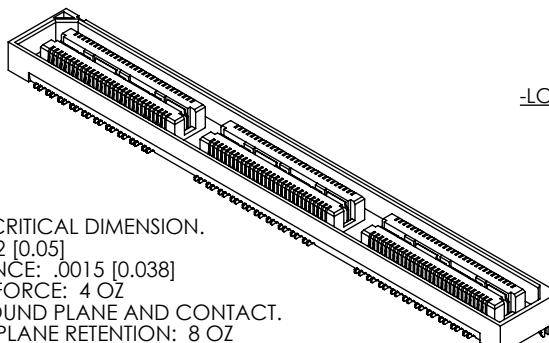
DO NOT
SCALE FROM
THIS PRINT



- OPTION
 - A: ALIGNMENT PINS
(USE QSH-30-01-D-XX-A,
SEE FIG 2)
 - GP: GUIDE POSTS
(USE QSH-30-01-D-XX-GP,
SEE FIG 4)
 - LC: LOCKING CLIPS (SEE NOTE 12)
(USE LC-08-TM-01, SEE FIG 1)
 - K: POLYIMIDE FILM PAD
(USE K-DOT-.325-.450-.005, SEE FIG. 3)
 - TR: TAPE & REEL (60 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 -080 & -100 POS)
 - L: LATCHING
(SEE FIG 7, SHEET 4)
(USE QSH-30-01-D-XX-A-L)
(NOT AVAILABLE WITH -LC, -GP, -FL, OR -RT1)
- DIFFERENTIAL PAIRS
- ROW SPECIFICATION
 - D: DOUBLE (USE QSH-30-01-D-XX)



FIG 1



NOTES:

1.  REPRESENTS A CRITICAL DIMENSION.
2. MAX VARIANCE: .002 [0.05]
3. MAX BURR ALLOWANCE: .0015 [0.038]
4. MINIMUM PUSHOUT FORCE: 4 OZ
5. DIM APPLIES TO GROUND PLANE AND CONTACT.
6. MINIMUM GROUND PLANE RETENTION: 8 OZ
7. -L PLATING CAN BE SUBSTITUTED FOR -F PLATING.
8. SUB-SC-05-01-XX RETENTION TO BE 1.0 LBF IN BODY.
9. MAY SUB C-126-01-X for C-126-21-X.
10. FOR NEW APPLICATIONS REQUIRING THESE POSITIONS PLEASE
CONTACT SAMTEC INTERCONNECT PROCESSING GROUP.
11. FOR -80, -100 POSITIONS USE C-269-11-X. DO NOT SUB C-126.
12. 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.

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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TABLE 1	
No OF POS	COPLANARITY (INCLUDES GROUND PLAN)
-020 THRU -060	.0040[-.102]
-080 THRU -100	.0060[-.152]

Samtec

520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047

e-Mail info@SAMTEC.com code 55322

ON: DIFFERENTIAL PAIRS HS SOCKET ASSEMBLY

DIFFERENTIATE IT FROM THE SOCIETY ASSEMBLY

SH XXX YY X D DR XXX

QSH-ΛΛΛ-ΛΛ-Λ-D-DF-ΛΛΛ

LEVIN B 06/13/00 SHEET 1 OF 4

Page 1 of 1

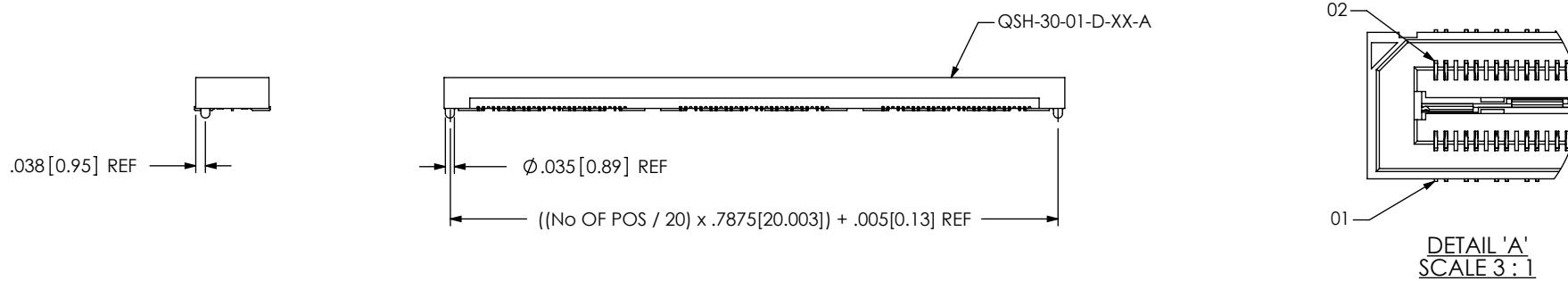


FIG 2
-A: ALIGNMENT PIN OPTION SHOWN

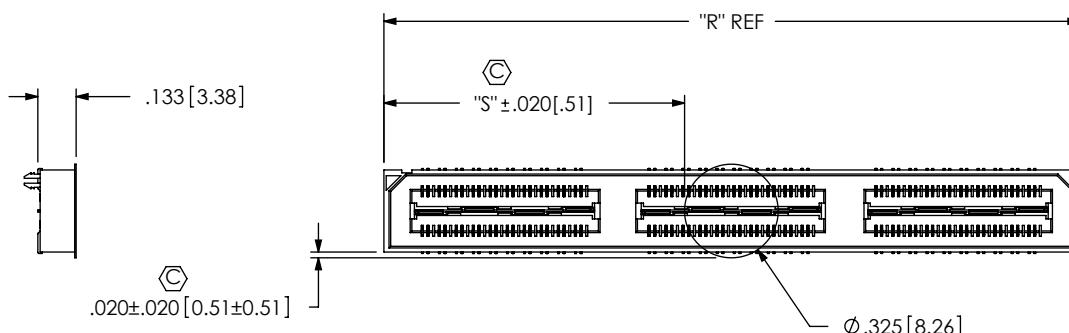


FIG 3
-K: POLYIMIDE FILM PAD

NOTE: "R" = ((No OF POSITIONS / 20) x .7875[20.003]) + .050[1.27]
 "S" = (("R" - .325[8.26]) / 2) ±.020[.51]

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DO NOT SCALE DRAWING	SHEET SCALE: 1.5:1	
DESCRIPTION: .5mm DIFFERENTIAL PAIRS HS SOCKET ASSEMBLY	DWG. NO.	QSH-XXX-XX-X-D-DP-XXX
	BY:	KEVIN B 06/13/00 SHEET 2 OF 4

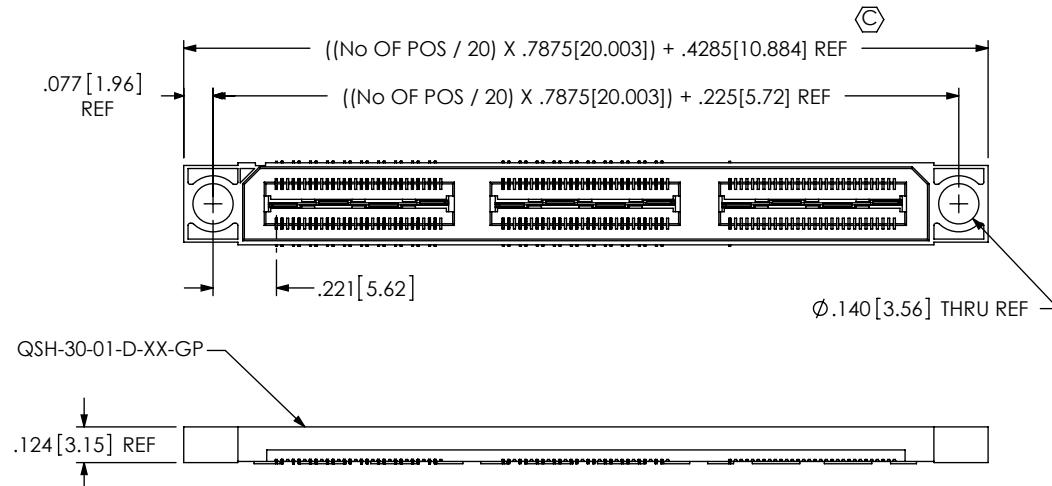
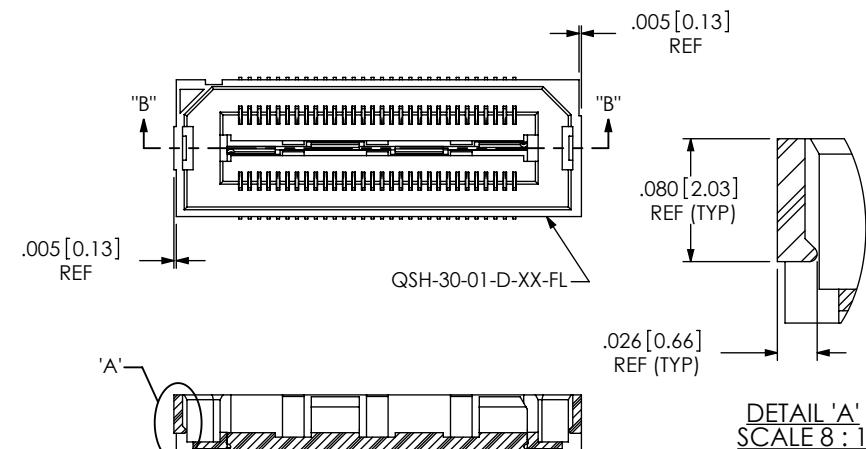


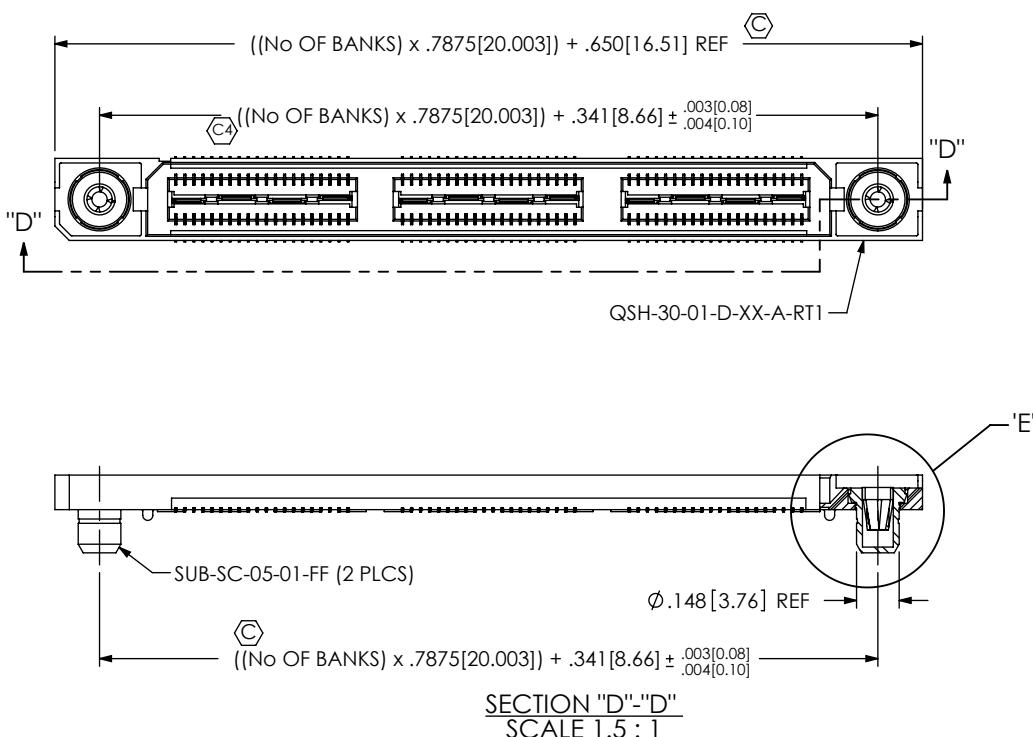
FIG 4
-GP: GUIDE POST OPTION SHOWN



SECTION "B"- "B"

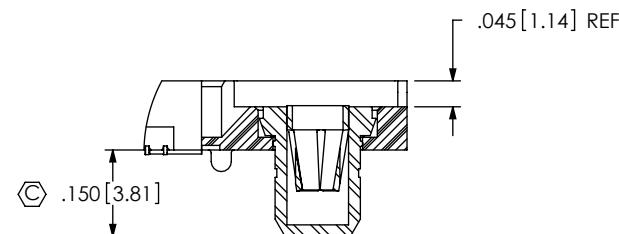
FIG 5

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



SECTION "D"- "D"
SCALE 1.5 : 1

FIG 6
-RT1: RETENTION OPTION
(MUST USE -A OPTION)
(NOT AVAILABLE WITH -LC, -GP, OR -FL OPTIONS)
(NOT AVAILABLE WITH -080 & -100 POS)
(SAME AS FIG 1, UNLESS OTHERWISE STATED)



DETAIL 'E'
SCALE 3 : 1

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SHEET SCALE: 1.25:1

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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

DESCRIPTION: .5mm DIFFERENTIAL PAIRS HS SOCKET ASSEMBLY

DWG. NO. QSH-XXX-XX-X-D-DP-XXX

BY: KEVIN B 06/13/00 SHEET 3 OF 4

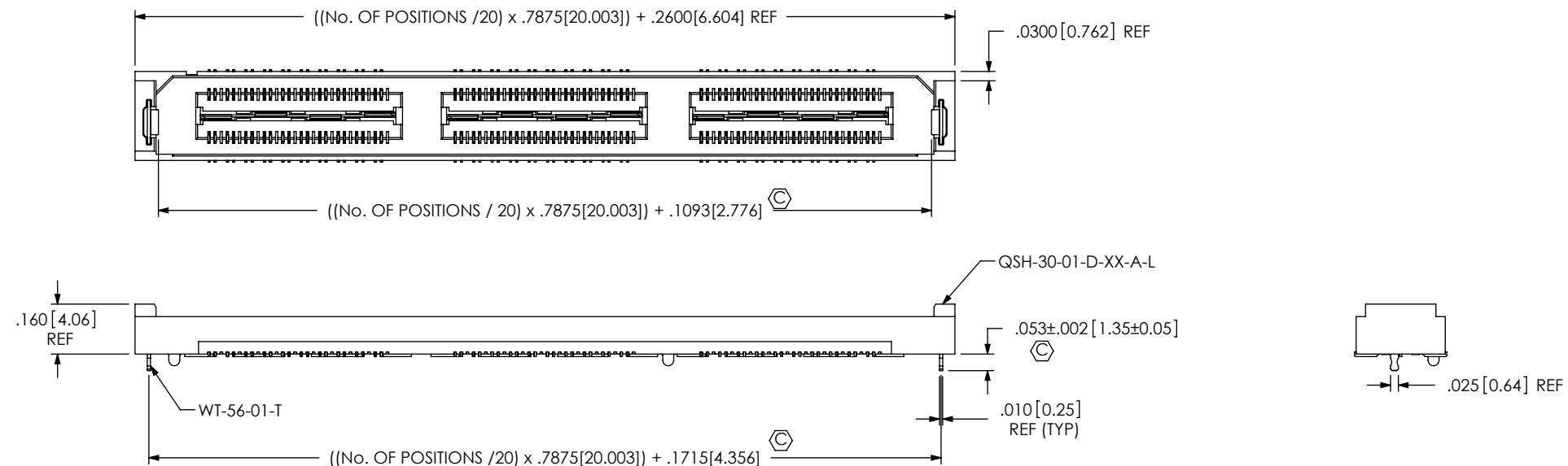


FIG 7

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

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DO NOT SCALE DRAWING SHEET SCALE: 2:1		