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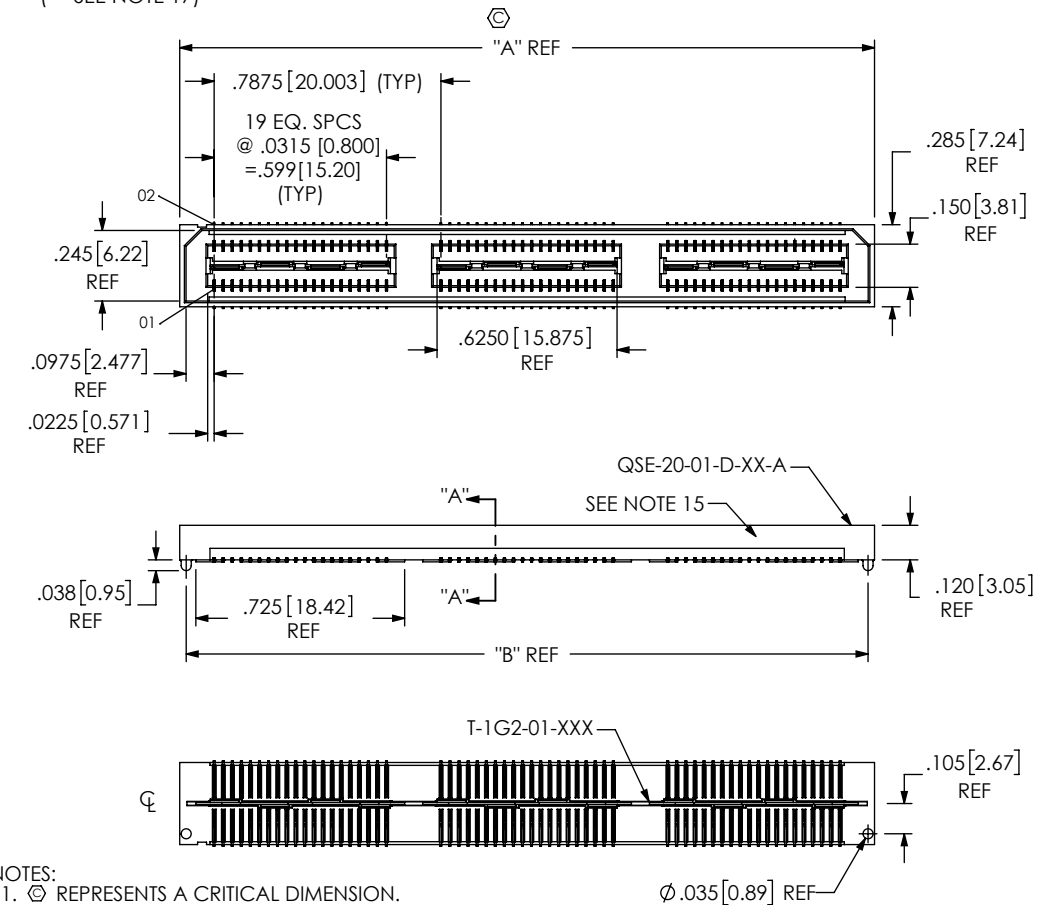
TABLE 2		
No OF POS	"A"	"B"
-020	.838 [21.27]	.793 [20.13]
-040	1.625 [41.28]	1.580 [40.13]
-060	2.413 [61.28]	2.368 [60.13]
*-080	3.200 [81.28]	3.155 [80.14]
*-100	3.988 [101.28]	3.943 [100.14]

(*= SEE NOTE 17)

TABLE 1	
No OF POS	COPLANARITY INCLUDING GP
-020 THRU -040	.004[0.10]
-060, *-080, *-100	.006[0.15]

(*= SEE NOTE 17)



NOTES:
1. Ⓒ REPRESENTS A CRITICAL DIMENSION.
2. Ⓒ MINIMUM CONTACT RETENTION: 8 OZ
3. MINIMUM GROUND PLANE RETENTION: 8 OZ
4. PARTS ARE MOLDED TO POSITION.
5. DELETED.
6. MAXIMUM VARIANCE: .002[0.51].
7. DIMENSION APPLIES TO CONTACTS & GROUND PLANE.
8. -L PLATING CAN BE SUBSTITUTED FOR -F PLATING, -G PLATED GROUND PLANE CAN BE SUBSTITUTED FOR -F PLATED GROUND PLANE.
9. GROUND PLANE PRESS HEIGHT MUST BE .003 [0.08] LESS THAN THE MAX HEIGHT OR .001 [0.03] GREATER THAN THE MINIMUM HEIGHT OF THE SOCKETS.
10. MINIMUM SUB-SC-05-01-XX RETENTION: 1 LB IN BODY.
11. MAY SUB C-126-01-XXX FOR C-126-21-XXX.
12. NOTE DELETED.
13. FOR -080, -100 POSITIONS USE C-269-11-XXX. DO NOT SUB C-126.
14. 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.
15. SIDE WALLS ARE RIBBED AS NECESSARY TO CONTROL BOW.
16. CHECK ONCE PER BANK ALTERNATING SIDES FOR MULTIPLE BANK PARTS.
17. AVAILABLE FOR EXISTING CUSTOMERS ONLY.
18. NOTE DELETED.

QSE-XXX-01-XXX-D-XXX

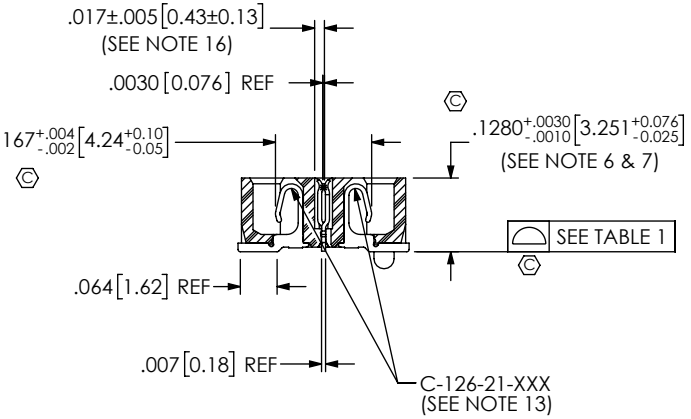
No OF POSITIONS
-020, -040, -060
*-080, *-100 (PER ROW)
(*= SEE NOTE 17)

LEAD STYLE
-01: .1280[3.251]

PLATING SPECIFICATION
(SEE NOTES 8, 11 & 13)
-F: 3µ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL (USE C-126-21-F, T-1G2-01-F) (SEE NOTE 8)
-L: 10µ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL (USE C-126-21-L, T-1G2-01-L)
-H: 30µ" GOLD IN CONTACT AREA, 3µ" GOLD ON TAIL (USE C-126-21-H, T-1G2-01-G)
-C: 50µ" ELECTRO POLISHED SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL (USE C-126-21-C, T-1G2-01-L)
-STL: 30µ" SELECTIVE GOLD IN CONTACT AREA, TIN LEAD (90/10 ±5%) ON TAIL (USE C-126-21-STL, T-1G2-01-STL)
-FTL: 3µ" SELECTIVE GOLD INCONTACT AREA, TIN LEAD (90/10 ±5%) ON TAIL (USE C-126-21-FTL, T-1G2-01-FTL)
-LTL: 10µ" SELECTIVE GOLD IN CONTACT AREA, TIN LEAD (90/10 ±5%) ON TAIL (USE C-126-21-LTL, T-1G2-01-LTL)
-S: 30µ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL (USE C-126-21-S, T-1G2-01-L)

OPTION
-A: ALIGNMENT PINS (USE QSE-20-XX-D-XX-A) (NOT AVAILABLE WITH -LC OPTION)
-LC: LOCKING CLIPS(SEE NOTE 14) (USE LC-08-TM-01, SEE FIG 2, SHT 2) (NOT AVAILABLE WITH -A OPTION)
-GP: GUIDE POSTS (SEE FIG 4, SHT 3) (USE QSE-20-01-D-XX-X-GP) (T & R PACKAGING: 40 POS MAX)
-K: POLYIMIDE FILM (USE K-DOT-.325-.450-.005) (SEE FIG 3, SHT 2)
-TR: TAPE & REEL (60 POS MAX) (SEE FIG 8, SHT 5) (40 POS MAX -GP OPTION)
-FL: FRICTION LOCKS (SEE FIG 5, SHT 3) (NOT AVAILABLE WITH -GP)
-RT1: RETENTION OPTION (MUST USE -A OPTION) (USE QSE-20-01-D-XX-A-RT1 & SUB-SC-05-01-FF) (SEE FIG 6, SHT 4) (NOT AVAILABLE WITH -LC, -GP, OR -FL) (NOT AVAILABLE WITH -100 POS)
-L: LATCHING OPTION (40 POS MAX) (SEE FIG 7, SHT 4) (MUST USE -A OPTION) (NOT AVAILABLE WITH -LC, -GP, -FL, OR -RT1)

ROW SPECIFICATION
-D: DOUBLE
(USE QSE-20-XX-D-XX)
No OF BANKS



SECTION "A"-"A"

FIG 1
-A: ALIGNMENT PIN OPTION
(QSE-060-01-XXX-D-A SHOWN)

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

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e-Mail info@SAMTEC.com code 55322

MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 1.5:1
INSULATOR: LCP, UL94V-0; COLOR: BLACK
CONTACT: PHOS BRONZE
GROUND PLANE: PHOS BRONZE

F:\DWG\MISC\MKTG\QSE-XXX-01-XXX-D-XXX-MKT.SLDDRW

DESCRIPTION: .8mm DOUBLE ROW HS SOCKET ASSEMBLY

DWG. NO. QSE-XXX-01-XXX-D-XXX

BY: ERIC M 05/20/1999 SHEET 1 OF 5

REVISION BM

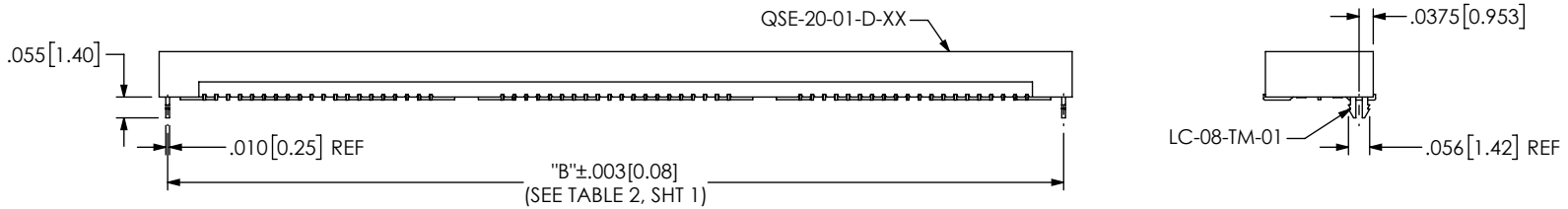

FIG 2
-LC: LOCKING CLIP OPTION
(QSE-060-01-XXX-D-LC SHOWN)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

TABLE 3

No OF POS	"R"				"S"			
	-LC, -A, -FL	-GP	-RT1	-L	-LC, -A, -FL	-GP	-RT1	-L
-020	.839 [21.31]	1.216 [30.89]	1.438 [36.51]	1.048 [26.61]	.257 [6.53]	.446 [11.32]	.556 [14.13]	.361 [9.18]
-040	1.627 [41.31]	2.004 [50.89]	2.225 [56.52]	1.835 [46.61]	.651 [16.53]	.839 [21.32]	.950 [24.13]	.755 [19.18]
-060	2.417 [61.38]	2.791 [70.89]	3.013 [76.52]	N/A	1.046 [26.56]	1.233 [31.32]	1.344 [34.13]	N/A
*-080	3.204 [81.38]	3.579 [90.89]	3.800 [96.52]	N/A	1.440 [36.56]	1.627 [41.32]	1.738 [44.13]	N/A
*-100	3.991 [101.37]	4.366 [110.90]	N/A	N/A	1.833 [46.56]	2.021 [51.32]	N/A	N/A

(*= SEE NOTE 17)

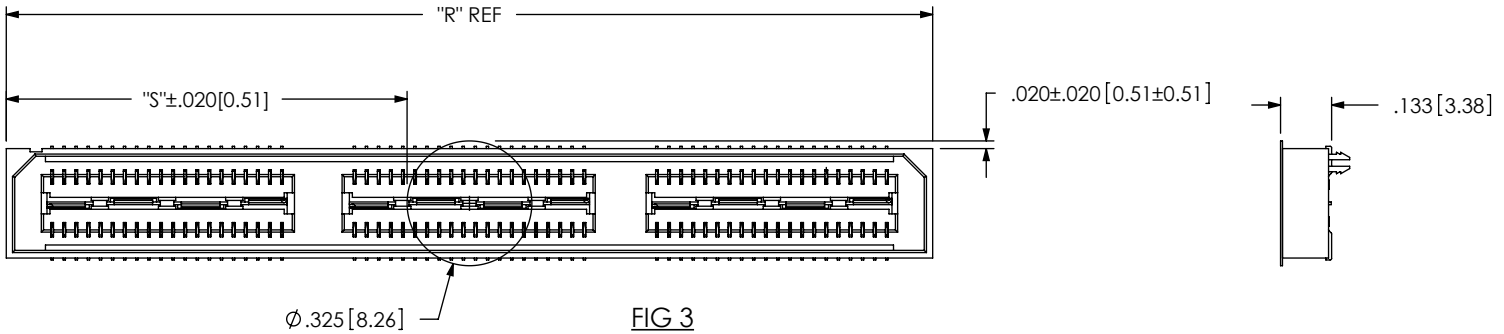

FIG 3
-K: POLYIMIDE FILM PAD
(K-DOT-.325-.450-.005)

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DO NOT SCALE DRAWING

SHEET SCALE: 2:1

DESCRIPTION: .8mm DOUBLE ROW HS SOCKET ASSEMBLY

DWG. NO. QSE-XXX-01-XXX-D-XXX

BY: ERIC M 05/20/1999 SHEET 2 OF 5

REVISION BM

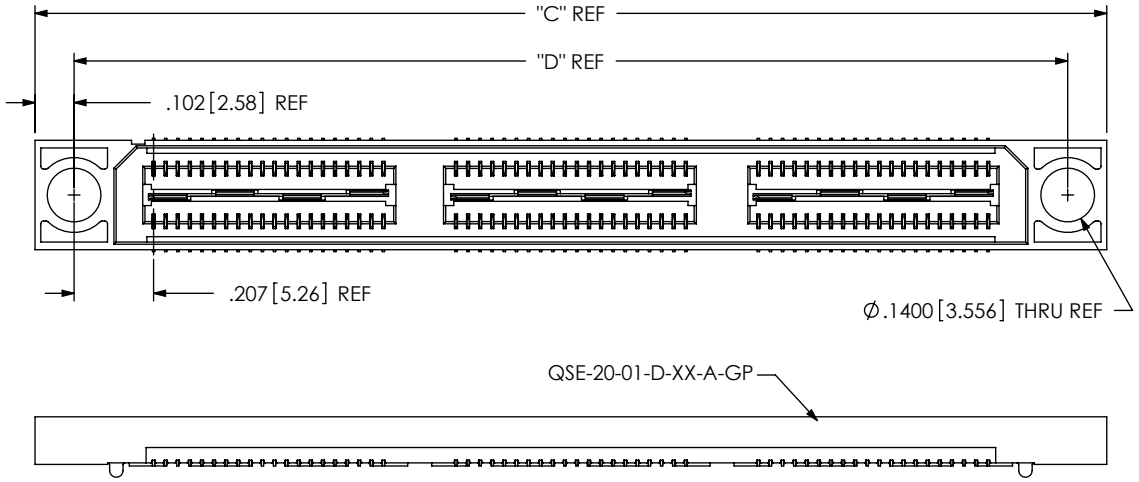
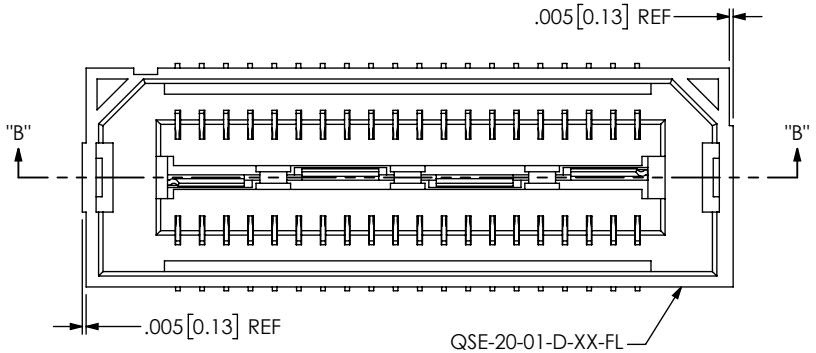
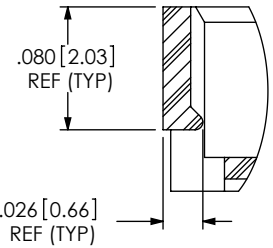


TABLE 4		
POS	"C"	"D"
-020	1.216 [30.89]	1.013 [25.72]
-040	2.004 [50.89]	1.800 [45.72]
-060	2.791 [70.89]	2.588 [65.72]
*-080	3.579 [90.89]	3.375 [85.73]
*-100	4.366 [110.90]	4.163 [105.73]

(*= SEE NOTE 17)

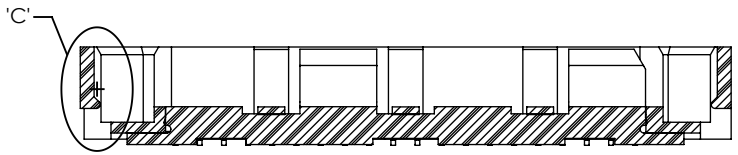
FIG 4
-GP: GUIDE POST OPTION
(QSE-060-01-XXX-D-A-GP SHOWN)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)
(40 POS MAX WITH T & R PACKAGING)





DETAIL 'C'
SCALE 8 : 1

FIG 5
-FL: FRICTION LOCKS
(QSE-020-01-XXX-D-FL SHOWN)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)
(NOT AVAILABLE WITH -GP OPTION)



SECTION "B"-"B"
SCALE 4 : 1

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SHEET SCALE: 2:1

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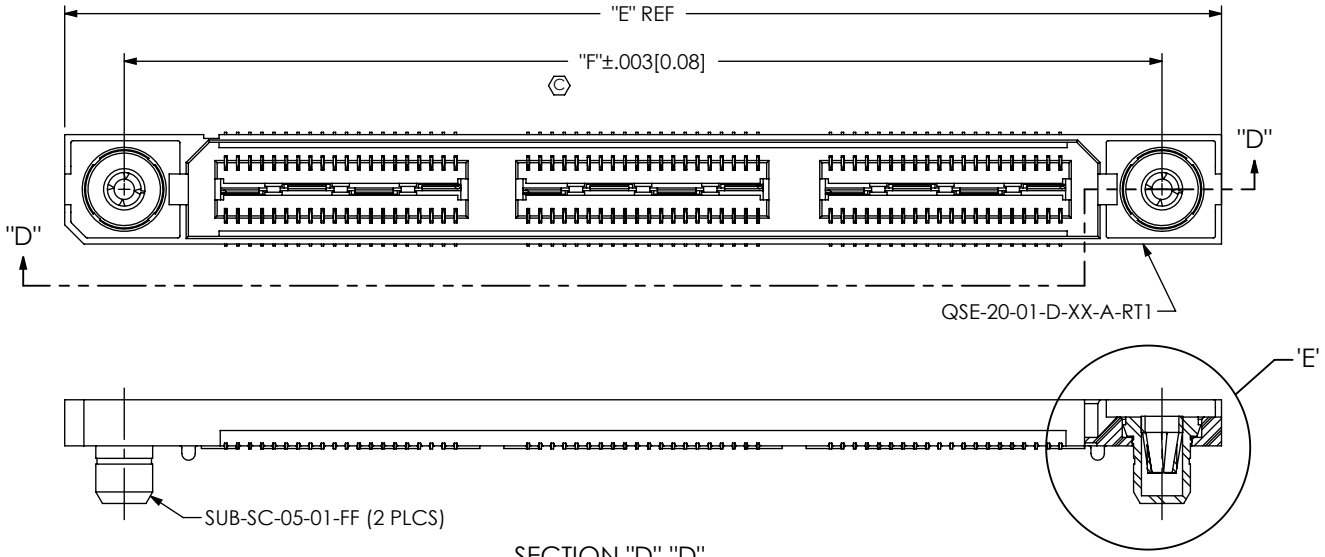
DESCRIPTION:
.8mm DOUBLE ROW HS SOCKET ASSEMBLY

DWG. NO.
QSE-XXX-01-XXX-D-XXX

BY: ERIC M 05/20/1999 SHEET 3 OF 5

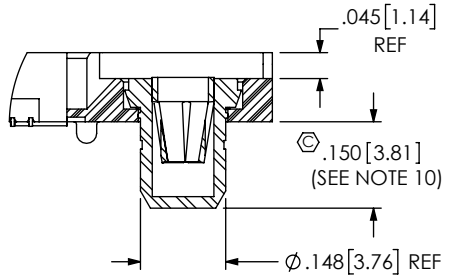
REVISION BM



SECTION "D"-"D"

TABLE 5		
POS	"E"	"F"
-020	1.438 [36.51]	1.129 [28.66]
-040	2.225 [56.52]	1.916 [48.67]
-060	3.013 [76.52]	2.704 [68.67]
*-080	3.800 [96.52]	3.491 [88.67]
*-100	N/A	N/A

(*= SEE NOTE 17)



DETAIL 'E'
SCALE 3 : 1

FIG 6
-RT1: RETENTION OPTION
(QSE-060-01-XXX-D-A-RT1 SHOWN)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)
(MUST USE -A OPTION)
(NOT AVAILABLE WITH -LC, -GP, OR -FL OPTIONS)
(NOT AVAILABLE WITH -100 POS)

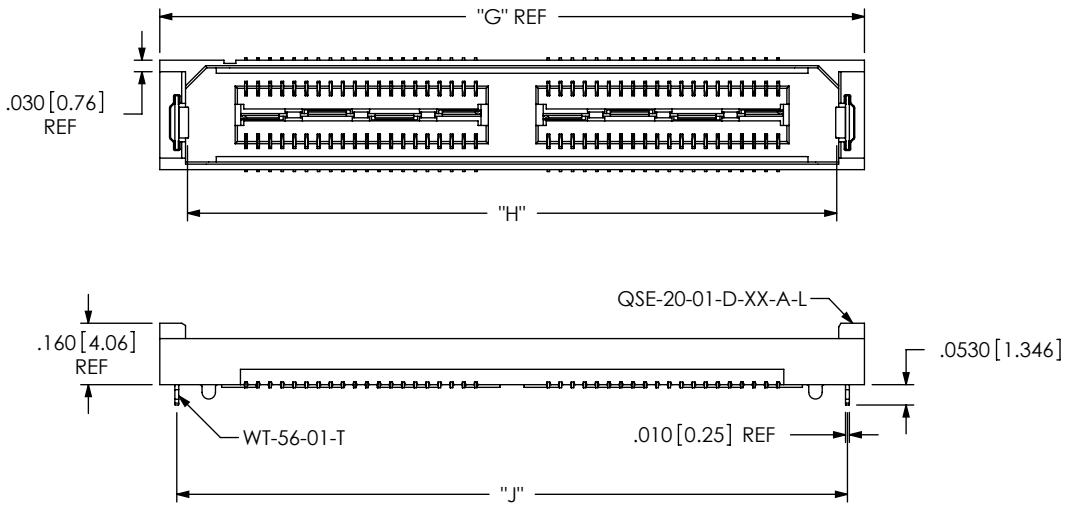


TABLE 6			
POS	"G"	"H"	"J"
-020	1.048 [26.61]	.897 [22.78]	.959 [24.36]
-040	1.835 [46.61]	1.684 [42.78]	1.747 [44.36]
-060	N/A	N/A	N/A
*-080	N/A	N/A	N/A
*-100	N/A	N/A	N/A

(*= SEE NOTE 17)

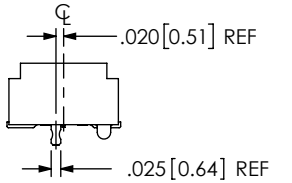


FIG 7
-L: LATCHING OPTION
(QSE-040-01-XXX-D-A-L SHOWN)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)
(MUST USE -A OPTION) (40 POS MAX)
(NOT AVAILABLE WITH -LC, -GP, -FL, OR -RT1 OPTIONS)

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SHEET SCALE: 2:1

DESCRIPTION: .8mm DOUBLE ROW HS SOCKET ASSEMBLY

DWG. NO. QSE-XXX-01-XXX-D-XXX

BY: ERIC M 05/20/1999

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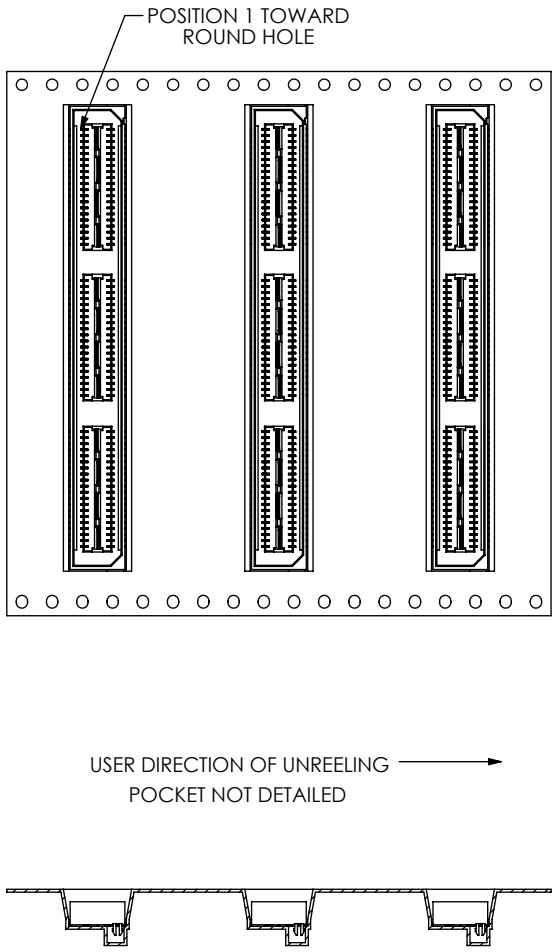
FIG 8
-TR: PACKAGING OPTION
(QSE-060-01-XXX-D-LC-TR SHOWN)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)
(60 POS MAX)
(40 POS MAX WITH -GP OPTION)



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