RECOMMENDED PCB LAYOUT FOR QSH-XXX-01-X-D-XXX REVISION 9/15/2014 ECN-236006 "A" REF (SEE NOTE 2) (FOR -LC & -A OPTIONS) Ø"E" .100[2.54] (TYP) (NPTH TYP) "D" .7875[20.003] (TYP) (2 PLCS PER BANK) (FOR -LC & (FOR -GP & -RT1 .1108[2.815] -A OPTIONS) OPTION) .5709 [14.500] (TYP) .032[0.815] (TYP) .250 [6.35] (TYP) | 02 \oplus .105 [2.67] .1128 [2.865] (TYP) 01 .1925 [4.890] .090 [2.27] (TYP) .285[7.24] REF (TYP) (SEE NOTE 2) └ .017[0.43] (TYP) .01969[0.5000] (TYP) CONNECTOR ASSEMBLY OUTLINE (SEE NOTE 2) — .0110[0.279] (TYP) .185[4.70] (TYP) (2 PLCS PER BANK) .635[16.13] (TYP) -.7875 [20.003] (TYP) (FOR -GP & -RT1 OPTIONS) Ø.156±.002[3.96±0.05] (PTH TYP) (TO BE SOLDERED USING FIG 1 PASTE-IN-HOLE TECHNOLOGY) FOOTPRINT FOR QSH-060-01-X-D-XXX SHOWN 22.5° $\emptyset.145[3.68]$ $\emptyset.167[4.24]$ (NPTH TYP) (TYP) $\emptyset.244[6.20]$ (TYP) 1. ALL DIMENSIONS ARE SYMMETRIC ABOUT THE CENTERLINE. 2. CONNECTOR ENVELOPE DIMENSIONS, OTHER COMPONENTS TABLE 2 TABLE 3 .005[0.13] PLACED ON PCB SHALL AVOID THIS ZONE. OPTION "D" OPTION "E" (TYP) 3. FOR -SD/-DS OPTIONS, PLEASE REFER TO THE "XQXX WITH SCREW-DOWN OPTIONS" APPLICATION DRAWING. -GP -LC .047 [1.19] .221 [5.61] .040 [1.02] .279 [7.08] -A -RT1 -GP OPTION: -RT1 OPTION: DETAIL 'A' DETAIL 'A' SCALE 4: SCALE 4:

TABLE 1								
No OF POS	"A"				"B"	"C"		
	-LC & -A	-FL	-GP	-RT1	-LC & -A	-GP	-RT1	
-030	.839 [21.31]	.803 [20.38]	1.216 [30.89]	1.438 [36.53]	.793 [20.13]	1.013 [25.73]	1.129 [28.68]	
-060	1.627 [41.31]	1.590 [40.39]	2.004 [50.89]	2.226 [56.53]	1.580 [40.13]	1.801 [45.73]	1.917 [48.68]	
-090	2.417 [61.38]	2.378 [60.39]	2.791 [70.89]	3.013 [76.53]	2.368 [60.13]	2.588 [65.74]	2.704 [68.68]	
-120	3.204 [81.38]	3.165 [80.39]	3.579 [90.89]	N/A	3.155 [80.14]	3.376 [85.74]	N/A	
-150	3.991 [101.37]	3.953 [100.39]	4.366 [110.90]	N/A	3.943 [100.14]	4.163 [105.74]	N/A	

F:\dwg\MISC\Mktg\Footprnt\QSH-XXX-01-X-D-XX-FOOTPRINT.SLDDRW

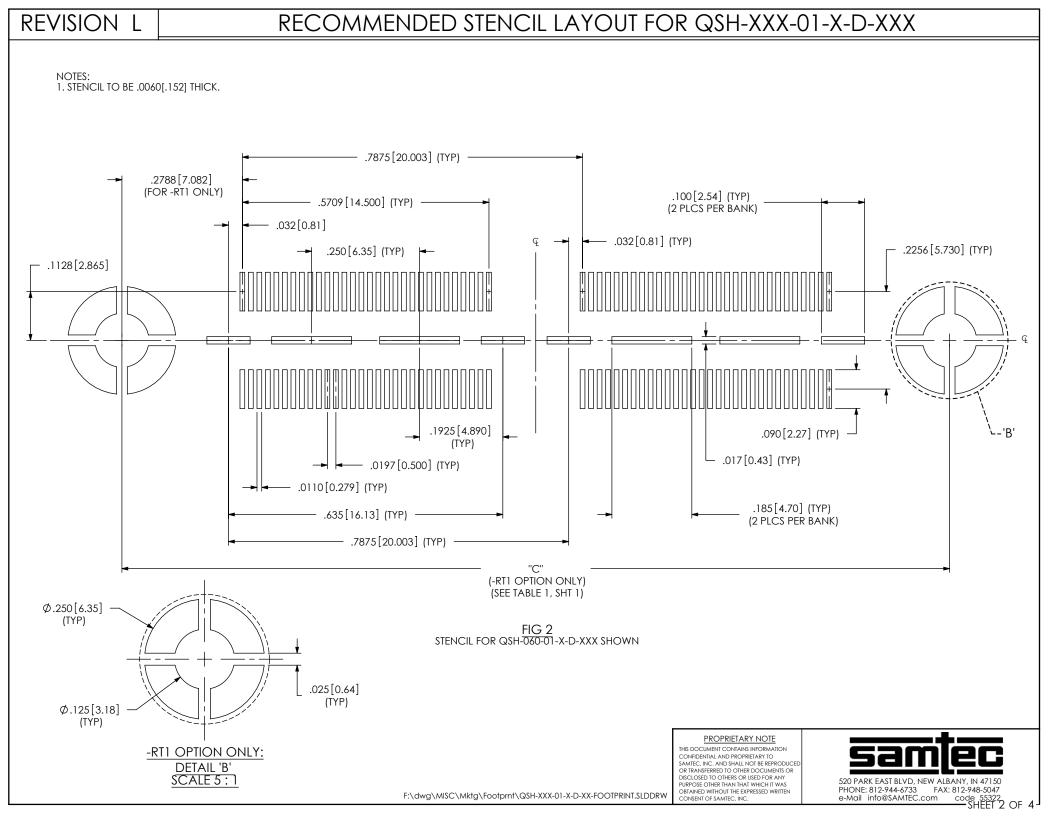
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-sheet 1 of 4 ^J



RECOMMENDED PCB LAYOUT FOR QSH-XXX-01-X-D-XXX

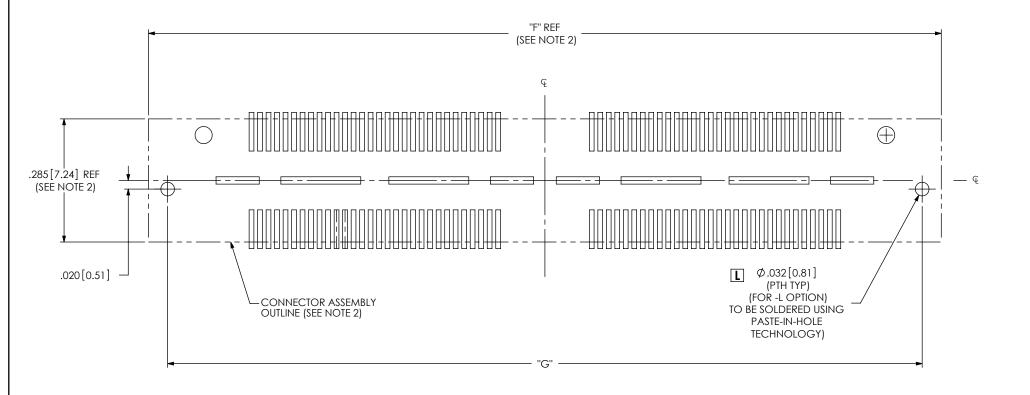


FIG 3 -L OPTION FOOTPRINT FOR QSH-060-01-X-D-A-L SHOWN (SAME AS FIG 1, EXCEPT AS SHOWN)

TABLE 4							
No OF POS		"F"	"G"				
-0:	30	1.048 [26.62]	.959 [24.36]				
-00	60	1.836 [46.62]	1.747 [44.36]				
-09	90	2.623 [66.62]	2.534 [64.36]				
-1:	20	3.411 [86.63]	3.322 [84.37]				
15	50	4.198 [106.63]	4.109 [104.37]				

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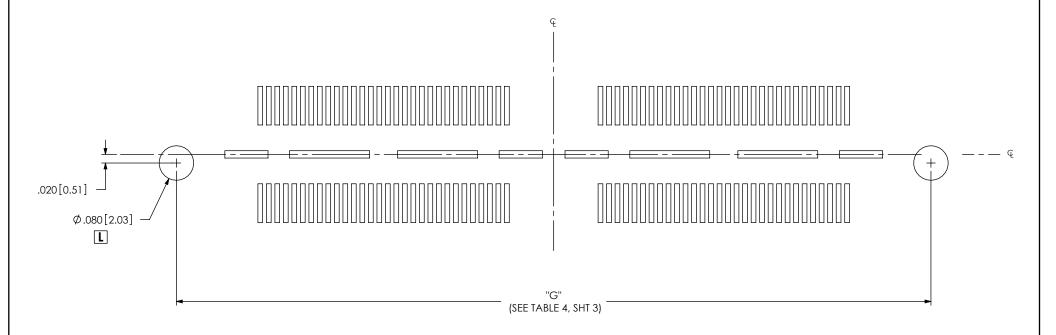


FIG 4
-L OPTION
STENCIL FOR QSH-060-01-X-D-A-L SHOWN
(SAME AS FIG 2, EXCEPT AS SHOWN)

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