REVISION M

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

6/2/2020 ECN-385544

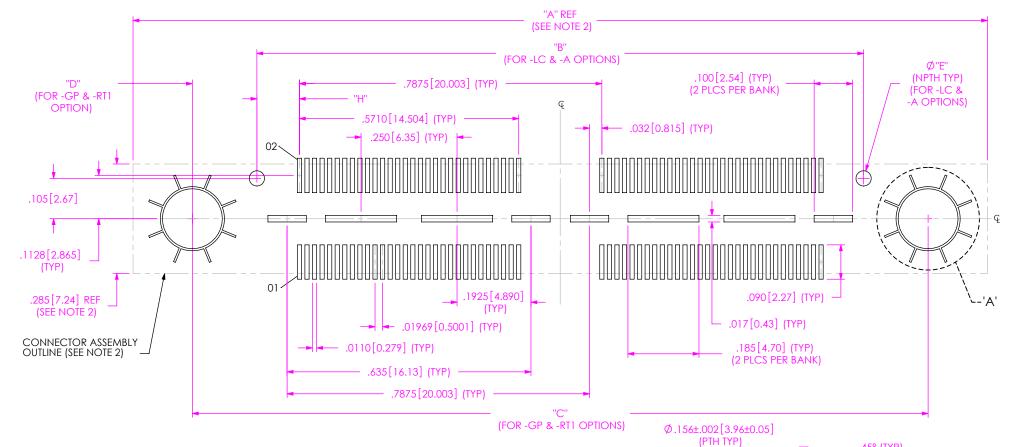


FIG 1 FOOTPRINT FOR QSH-060-01-X-D-XXX SHOWN

No OF POS

-030

-060

-090

-120

-150

-LC & -A

.839 [21.31]

1.627 [41.31]

2.417 [61.38]

3.204 [81.38]

3.991 [101.37]

1. ALL DIMENSIONS ARE SYMMETRIC ABOUT THE CENTERLINE.
2. CONNECTOR ENVELOPE DIMENSIONS, OTHER COMPONENTS PLACED ON PCB SHALL AVOID THIS ZONE.

-FL

.803 [20.38]

1.590 [40.39]

2.378 [60.39]

3.165 [80.39]

3.953 [100.39]

"A"

-GP

1.216 [30.89]

2.004 [50.89]

2.791 [70.89]

3.579 [90.89]

4.366 [110.90]

3. FOR -SD/-DS OPTIONS, PLEASE REFER TO THE "XQXX WITH SCREW-DOWN OPTIONS" APPLICATION DRAWING.

S	TABLE 2			
	OPTION	"D"		
	-GP	.221 [5.61]		
	-RT1	.279 [7.08]		

"B"

-LC & -A

.793 [20.13]

1.580 [40.13]

2.368 [60.13]

3.155 [80.14]

3.943 [100.14]

TABLE 1

-RT1

1.438 [36.53]

2.226 [56.53]

3.013 [76.53]

N/A

N/A

	TABLE 3		
	OPTION	"E"	
	-LC	.047 [1.19]	
	-A	.040 [1.02]	

-RT1

1.129 [28.68]

1.917 [48.68]

2.704 [68.68]

N/A

N/A

	ОРПОМ	"E"	
.61]	-LC	.047 [1.19]	
.08]	-A	.040 [1.02]	

"C"

-GP

1.013 [25.73]

1.801 [45.73]

2.588 [65.74]

3.376 [85.74]

4.163 [105.74]

-GP OPTION: "H"

 $\emptyset.145[3.68]$ 

(NPTH TYP)

.1118 [2.84]

.1108 [2.81]

.1108 [2.81]

1108 [2.81]

.1108 [2.81]

## DETAIL 'A'

### -RT1 OPTION: DETAIL 'A' SCALE 4:1

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#### PROPRIETARY NOTE

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(TO BE SOLDERED USING

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 $\emptyset.167[4.24]$ 

(TYP)

.005[0.13]



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 $\emptyset.244[6.20]$ (TYP)

# REVISION M RECOMMENDED STENCIL LAYOUT FOR QSH-XXX-01-X-D-XXX NOTES: 1. STENCIL TO BE .0060[.152] THICK.

## .7875 [20.003] (TYP) (FOR -RT1 ONLY) .100[2.54] (TYP) (2 PLCS PER BANK) - .5710[14.504] (TYP) -.032[0.81] .032[0.81] (TYP) .2256 [5.730] (TYP) .250[6.35] (TYP) .1128[2.865] .1925 [4.890] --'B' .090[2.27] (TYP) └ .017[0.43] (TYP) .0197 [0.500] (TYP) .0110[0.279] (TYP) .185[4.70] (TYP) (2 PLCS PER BANK) .635[16.13] (TYP) .7875[20.003] (TYP) (-RT1 OPTION ONLY) (SEE TABLE 1, SHT 1) $\emptyset.250[6.35]$ (TYP) FIG 2 STENCIL FOR QSH-060-01-X-D-XXX SHOWN .025[0.64] (TYP) $\emptyset.125[3.18]$ (TYP) **PROPRIETARY NOTE** THIS DOCUMENT CONTAINS INFORMATION -RT1 OPTION ONLY: CONFIDENTIAL AND PROPRIETARY TO DETAIL 'B' SCALE 5 : 1

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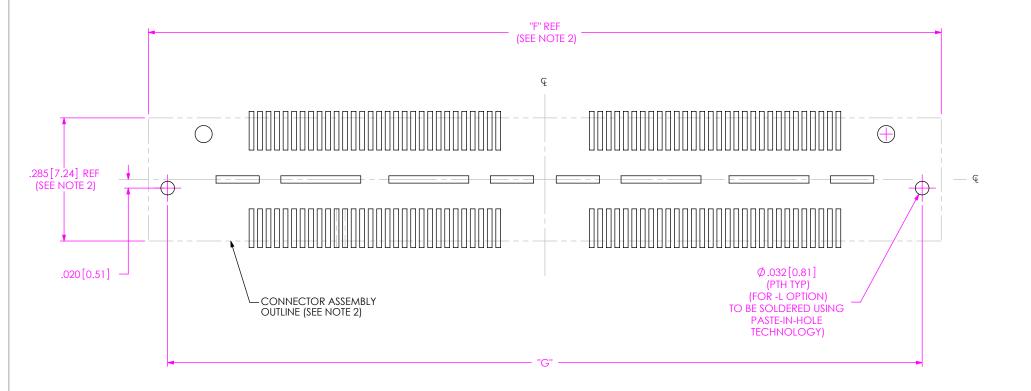


FIG 3
-L OPTION
FOOTPRINT FOR QSH-060-01-X-D-A-L SHOWN
(SAME AS FIG 1, EXCEPT AS SHOWN)

No OF POS	"F"	"G"
-030	1.048 [26.62]	.959 [24.36]
-060	1.836 [46.62]	1.747 [44.36]
-090	2.623 [66.62]	2.534 [64.36]
-120	3.411 [86.63]	3.322 [84.37]
150	4.198 [106.63]	4.109 [104.37]

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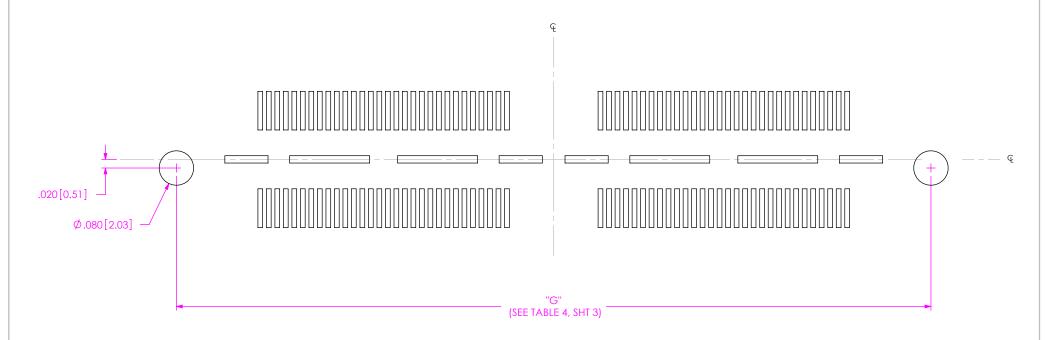


FIG 4
-L OPTION
STENCIL FOR QSH-060-01-X-D-A-L SHOWN
(SAME AS FIG 2, EXCEPT AS SHOWN)

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