## RECOMMENDED PCB LAYOUT FOR QTH-XXX-XX-X-D-XXX **REVISION** IECN-372631 12/8/2019 (SEE NOTE 2) (FOR -L OPTION) (FOR -LC & -A OPTION) .7875[20.003] (TYP) .100 [2.54] (TYP) .279 [7.08] (2 PLCS PER BANK) (FOR -RT1 ONLY) Ø"F" .0783 [1.989] (NPTH TYP) (FOR -LC & .5710 [14.503] (TYP) -A OPTION) .047 [1.19] (TYP) .250[6.35] (TYP) .042[1.05] .1015 [2.578] (FOR -L OPTION) .080 [2.03] Œ "E" REF 1215[3.086] (SEE NOTE 2) .2075 [5.271] (TYP) .057[1.45] (TYP) -(TYP) $\emptyset.075[1.91]$ .025 [0.64] (TYP) .0197 [0.500] (TYP) (PTH TYP) .0120 [0.305] (TYP) (FOR -RT1 OPTION) TO BE SOLDERED USING .185 [4.70] (TYP) PASTE-IN-HOLE .665 [16.89] (TYP) (2 PLCS PER BANK) **TECHNOLOGY** .7875 [20.003] (TYP) (FOR -RT1 OPTION) $\emptyset.032[0.81]$ (PTH TYP) (FOR -L OPTION) FOOTPRINT FOR QTH-060-01-X-D-XXX SHOWN (TO BE SOLDERED USING PASTE-IN-HOLE TECHNOLOGY) TABLE 2 TABLE 3 K STYLE "E" OPTION "F" NOTES: .235 [5.97] -01. -02 -LC .047 [1.19] 1. ALL DIMENSIONS ARE SYMMETRIC ABOUT THE CENTERLINE. -03 THRU -010 .265 [6.73] 2. CONNECTOR ENVELOPE DIMENSIONS, OTHER COMPONENTS .040 [1.02] -A PLACED ON PCB SHALL AVOID THIS ZONE. 3. FOR -SD/-DS OPTIONS, PLEASE REFER TO THE "XQXX WITH TABLE 1 SCREW-DOWN OPTIONS" APPLICATION DRAWING. "A" "B" "C" "D" 4. FOR APPLICATIONS OF QTH-120-07/-08 REQUIRING INVERTED REFLOW No OF POS SOLDERING, USE OF AN EPOXY ADHESIVE IS RECOMMENDED.

-LC & -A -FL -GP -RT1 -LC & -A -RT1 -L -L .728 [18.48] .788 [20.02] .808 [20.52] 1.305 [33.15] 1.438 [36.53] .906 [23.01] 1.129 [28.68] .854 [21.69] -030 -060 1.576 [40.02] 1.596 [40.53] 2.093 [53.15] 2.226 [56.53] 1.694 [43.01] 1.515 [38.48] 1.917 [48.68] 1.642 [41.69] -090 2.366 [60.08] 2.383 [60.53] 2.880 [73.15] 3.013 [76.53] 2.481 [63.02] 2.303 [58.48] 2.704 [68.68] 2.429 [61.70] -120 3.153 [80.09] 3.171 [80.53] 3.668 [93.15] N/A 3.269 [83.02] 3.090 [78.49] N/A 3.217 [81.70] -150 3.940 [100.08] 3.958 [100.53] 4.455 [113.16] N/A 4.056 [103.02] 3.878 [98.49] N/A 4.004 [101.70]

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## \* PROPRIETARY NOTE

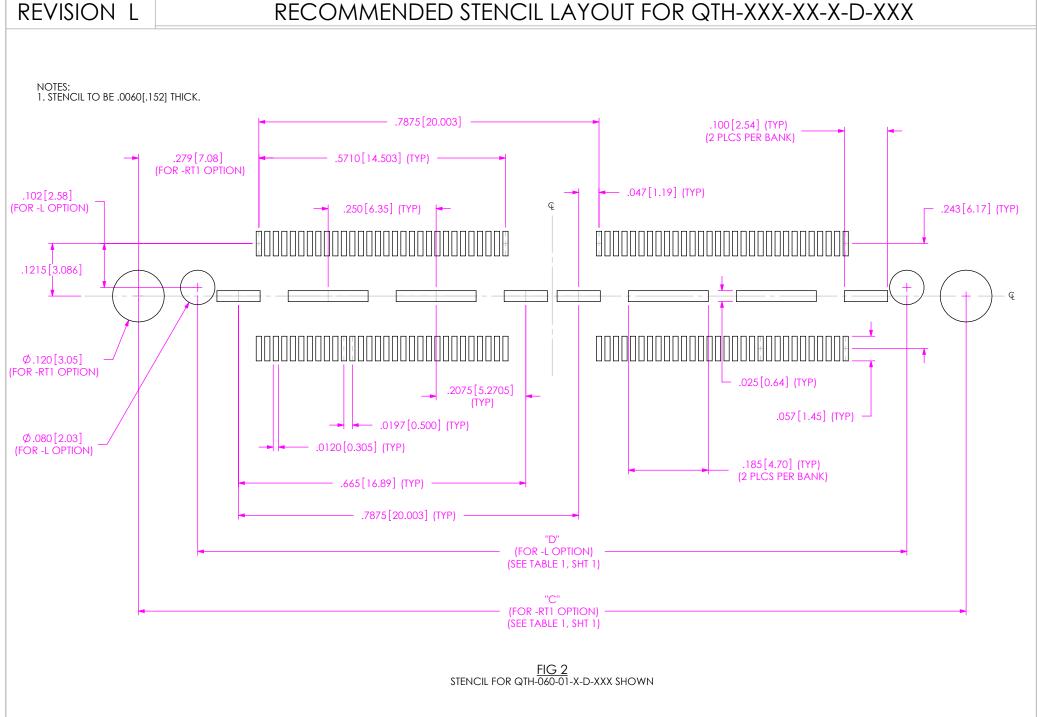
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SHEET 1 OF 2



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