



QTH-030-01-L-D-A

QTH SERIES

HIGH SPEED GROUND PLANE HEADER

UL
FILE NO. E111594

CSA
FILE NO. 090871 0 00

28+
Gbps

QTH	PINS PER ROW NO. OF PAIRS	LEAD STYLE	PLATING OPTION	TYPE	A	OTHER OPTION
	—030, —060, —090 (60 total pins per bank = —D) —020, —040, —060 (20 pairs per bank = —D—DP)	Specify LEAD STYLE from chart	—F = Gold Flash on Signal Pins and Ground Plane, Matte Tin on tails —L = 10μ" (0.25 μm) Gold on Signal Pins and Ground Plane, Matte Tin on tails —C* = Electro-Polished Selective 50μ" (1.27 μm) min Au over 150μ" (3.81 μm) Ni on Signal Pins in contact area, 10μ" (0.25 μm) min Au over 50μ" (1.27 μm) Ni on Ground Plane in contact area, Matte Tin over 50μ" (1.27 μm) min Ni on all solder tails	—D = Single-Ended —D—DP = Differential Pair (—01 only)		—K = (7.00 mm) .275" DIA Polyimide film Pick & Place Pad (N/A with —05 & —07 lead style) —TR = Tape & Reel (—090 positions maximum) —L = Latching Option (—01 lead style only) (N/A on —060 (—D—DP) & —090)

Technical drawing of a QTH component showing top and side views with dimensions and labels.

Top View Dimensions:

- Overall width: (7.11) .280
- Pin pitch: (20.00) .7875
- Pin width: (0.50) .0197
- Pin spacing: (0.20) .008
- Pin length: (0.20) .008

Side View Dimensions:

- Pin height: (0.20) .008
- Pin width: (0.50) .0197
- Pin length: (0.20) .008

Labels:

- 01: Pin 1
- 02: Pin 2
- 03: Pin 3
- 04: Pin 4
- 05: Pin 5
- 06: Pin 6
- 07: Pin 7
- 08: Pin 8
- 09: Pin 9
- 10: Pin 10
- 11: Pin 11
- 12: Pin 12
- 13: Pin 13
- 14: Pin 14
- 15: Pin 15
- 16: Pin 16
- 17: Pin 17
- 18: Pin 18
- 19: Pin 19
- 20: Pin 20
- 21: Pin 21
- 22: Pin 22
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- 31: Pin 31
- 32: Pin 32
- 33: Pin 33
- 34: Pin 34
- 35: Pin 35
- 36: Pin 36
- 37: Pin 37
- 38: Pin 38
- 39: Pin 39
- 40: Pin 40
- 41: Pin 41
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- 43: Pin 43
- 44: Pin 44
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- 47: Pin 47
- 48: Pin 48
- 49: Pin 49
- 50: Pin 50
- 51: Pin 51
- 52: Pin 52
- 53: Pin 53
- 54: Pin 54
- 55: Pin 55
- 56: Pin 56
- 57: Pin 57
- 58: Pin 58
- 59: Pin 59
- 60: Pin 60

- Board Spacing Standoffs. See SO Series.