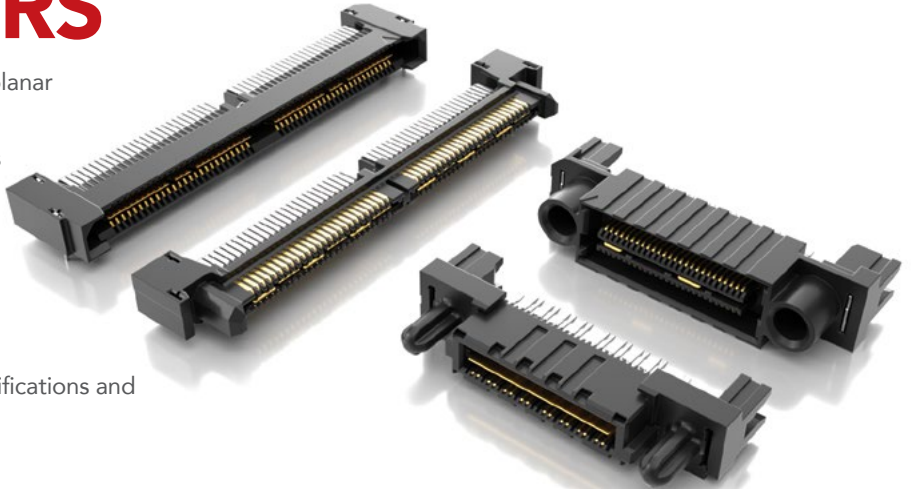


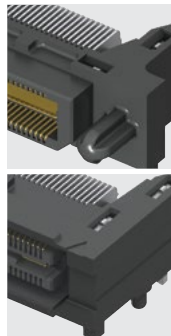
## RIGHT-ANGLE & EDGE MOUNT HIGH-SPEED GROUND PLANE CONNECTORS

- Right-Angle and Edge Mount designs for coplanar and perpendicular mating
- Q Strip® Right-Angle High-Speed Connectors on 0.50 mm & 0.635 mm pitches
- Q2™ Right-Angle & Edge Mount Rugged High-Speed Connectors on 0.635 mm pitch
- Q Rate® Right-Angle Slim Body High-Speed Connectors on 0.80 mm pitch
- Visit [samtec.com/QSeries](http://samtec.com/QSeries) for complete specifications and ordering information



### Q STRIP® HIGH-SPEED GROUND PLANE CONNECTORS

#### (0.50 mm) .0197" PITCH RIGHT-ANGLE GROUND PLANE HEADERS & SOCKETS



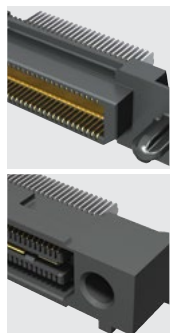
**QTH-RA**  
Board Mates:  
QSH

**QSH-RA**  
Board Mates:  
QTH

SERIES	PINS PER ROW NO. OF PAIRS	01	PLATING	TYPE	RA	OTHER OPTION
QTH Header	-030, -060, -090 -D = (60 total pins per bank)		-F = Gold Flash on contact, Matte Tin on tails	-D = Single-Ended		-PGP = Plastic Guide Post (QTH only)
QSH Socket	-020, -040, -060 -D-DP = (20 pairs per bank)		-L = 10 μ" (0.25 μm) Gold contact, Matte Tin on tails	-D-DP = Differential Pair		-GP = Guide Post Holes (QSH only)
						-K = Polyimide film Pick & Place Pad

View complete specifications at: [samtec.com?QTH-RA](http://samtec.com?QTH-RA) or [samtec.com?QSH-RA](http://samtec.com?QSH-RA)

#### (0.635 mm) .025" PITCH RIGHT-ANGLE GROUND PLANE HEADERS & SOCKETS



**QTS-RA**  
Board Mates:  
QSS

**QSS-RA**  
Board Mates:  
QTS

**Cable Mates:**  
SQCD

SERIES	POSITIONS PER ROW	01	PLATING	D	RA	WT	OTHER OPTION
QTS Header	-025, -050, -075 (50 total Positions per bank)		-F = Gold Flash on Signal Pins and Ground Plane, Matte Tin on tails			-WT = Weld Tab (N/A with -025 Positions)	-SP = Solder Pin (QTS only)
QSS Socket			-L = 10 μ" (0.25 μm) Gold on Signal Pins and Ground Plane, Matte Tin on tails				

View complete specifications at: [samtec.com?QTS-RA](http://samtec.com?QTS-RA) or [samtec.com?QSS-RA](http://samtec.com?QSS-RA)

**Note:**  
Some lengths, styles and options are non-standard, non-returnable.

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Samtec:](#)

[QSH-030-01-L-D-RA](#) [QSH-060-01-L-D-RA](#) [QSH-060-01-L-D-RA-K](#) [QSH-020-01-F-D-DP-RA](#) [QSH-030-01-F-D-RA-K](#)  
[QSH-030-01-F-D-RA](#) [QSH-060-01-F-D-RA-GP](#) [QSH-090-01-F-D-RA](#) [QSH-040-01-L-D-DP-RA](#) [QSH-030-01-F-D-RA-](#)  
[GP](#) [QSH-040-01-F-D-DP-RA](#) [QSH-060-01-F-D-A-K-FR](#) [QSH-030-01-L-D-A-FR](#) [QSH-060-01-F-D-A-FR](#) [QSH-060-01-](#)  
[L-D-A-FR](#) [QSH-030-01-F-D-A-K-FR](#) [QSH-040-01-F-D-DP-GP-TR](#) [QSH-030-01-L-D-A-K-FR](#) [QSH-090-01-L-D-A-K-FR](#)  
[QSH-090-01-F-D-A-K-FR](#) [QSH-030-01-C-D-A-GP-K-TR](#) [QSH-030-01-C-D-A-GP-K](#) [QSH-060-01-C-D-A-FL-K-TR](#)  
[QSH-060-01-C-D-A-K-FR](#) [QSH-060-01-L-D-DP-RA-K](#) [QSH-090-01-L-D-FL-LC-K-TR](#) [QSH-040-01-F-D-DP-A-GP-K](#)  
[QSH-030-01-C-D-A-FL-K-TR](#) [QSH-040-01-L-D-DP-RA-GP-K](#) [QSH-060-01-C-D-DP-K](#) [QSH-060-01-C-D-A-GP](#) [QSH-](#)  
[040-01-F-D-DP-RA-GP-K](#) [QSH-040-01-H-D-DP-LC](#) [QSH-030-01-C-D-FL](#) [QSH-030-01-S-D-K](#) [QSH-060-01-C-D-GP-](#)  
[LC-K-TR](#) [QSH-030-01-C-D-A-K-FR](#) [QSH-030-01-F-D-A-FR](#) [QSH-090-01-C-D-A-K-FR](#) [QSH-020-01-F-D-DP-A-L-TR](#)  
[QSH-060-01-C-D-A-FR](#) [QSH-090-01-L-D-A-FR](#) [QSH-020-01-F-D-DP-RA-K](#) [QSH-090-01-C-D-A-FR](#) [QSH-030-01-C-D-](#)  
[A-FR](#) [QSH-090-01-F-D-A-FR](#) [QSS-025-01-L-D-A-GP-FR](#) [QSH-040-01-F-D-DP-GP-FR](#) [QSS-050-01-F-D-LC-K](#) [QSH-](#)  
[040-01-L-D-DP-A-K-FR](#) [QSH-020-01-H-D-DP-A-K-FR](#) [QSH-060-01-L-D-A-GP-K-FR](#) [QSH-030-01-L-D-K-FR](#) [QSH-060-](#)  
[01-H-D-A-K-FR](#) [QSH-030-11-L-D-A-K-FR](#) [QSS-050-01-F-D-A-K-FR](#) [QSS-025-01-L-D-A-GP-TR](#) [QSH-020-01-L-D-DP-](#)  
[A-FR](#) [QSH-030-01-H-D-K](#) [QSH-060-01-F-D-DP-A-K-FR](#) [QSS-075-01-L-D-A-K-FR](#) [QSS-075-02-F-D-RA-WT-MTI](#)  
[QSS-050-01-F-D-A-FR](#) [QSS-025-01-F-D-A-K-FR](#) [QSS-075-01-C-D-A-K-TR](#) [QSH-040-01-L-D-DP-K-FR](#) [QSS-025-01-](#)  
[C-D-K](#) [QSH-030-01-S-D-A-FR](#) [QSH-030-01-H-D-A-K-FR](#) [QSS-075-02-L-D-RA-WT-MTI](#) [QSH-030-01-H-D-A-GP-K-FR](#)  
[QSS-075-01-L-D-RA-WT-MTI-SP-K](#) [QSS-050-01-L-D-A-K-FR](#) [QSH-090-01-F-D-K-FR](#) [QSS-050-01-C-D-A-GP-K-FR](#)  
[QSS-025-01-STL-D-A-TR](#) [QSH-060-01-C-D-A-GP-K](#) [QSS-075-01-C-D-A-K-FR](#) [QSS-025-01-L-D-A-K-FR](#) [QSH-030-](#)  
[01-S-D-A-K-FR](#) [QSS-025-01-C-D-A-K-FR](#) [QSH-020-01-F-D-DP-A-FR](#) [QSH-030-01-L-D-A-L-FR](#) [QSH-020-01-F-D-DP-](#)  
[A-L-FR](#) [QSS-050-01-H-D-RA-WT-MTI-K](#) [QSH-030-01-C-D-A-FL-K-FR](#) [QSH-040-01-C-D-DP-A-K-FR](#) [QSH-030-01-C-](#)  
[D-A-GP-K-FR](#) [QSH-020-01-F-D-DP-A-K-FR](#) [QSH-040-01-L-D-DP-A-FR](#) [QSH-060-01-C-D-DP-A-FR](#) [QSH-030-01-L-D-](#)  
[A-GP-FR](#) [QSH-030-01-F-D-A-RT1-K-FR](#) [QSS-025-01-STL-D-A-K-TR](#) [QSH-020-01-L-D-DP-A-K-FR](#) [QSH-060-01-L-D-](#)  
[DP-A-K-FR](#) [QSH-020-01-H-D-DP-A-RT1-K-FR](#) [QSH-060-01-H-D-A-FR](#) [QSH-040-01-F-D-DP-A-K-FR](#) [QSS-050-01-C-](#)  
[D-A-GP-K-TR](#)