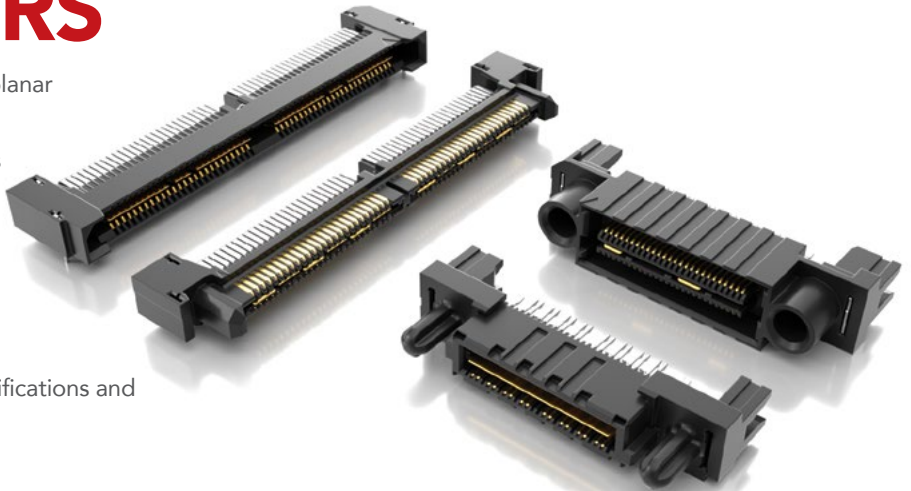




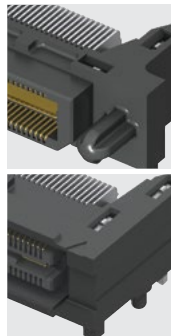
# RIGHT-ANGLE & EDGE MOUNT HIGH-SPEED GROUND PLANE CONNECTORS

- 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



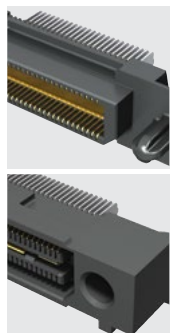
**QTH-RA**  
Board Mates:  
QSH

**QSH-RA**  
Board Mates:  
QTH

| SERIES        | PINS PER ROW<br>NO. OF PAIRS                      | 01 | PLATING                                                              | TYPE                         | RA | OTHER OPTION                               |
|---------------|---------------------------------------------------|----|----------------------------------------------------------------------|------------------------------|----|--------------------------------------------|
| QTH<br>Header | -030, -060, -090<br>-D = (60 total pins per bank) |    | -F<br>= Gold Flash on<br>contact, Matte<br>Tin on tails              | -D<br>= Single-Ended         |    | -PGP<br>= Plastic Guide Post<br>(QTH only) |
| QSH<br>Socket | -020, -040, -060<br>-D-DP = (20 pairs per bank)   |    | -L<br>= 10 μ"<br>(0.25 μm)<br>Gold contact,<br>Matte Tin on<br>tails | -D-DP<br>= Differential Pair |    | -GP<br>= Guide Post Holes<br>(QSH only)    |
|               |                                                   |    |                                                                      |                              |    | -K<br>= Polyimide film Pick &<br>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<br>Header | -025, -050, -075<br>(50 total Positions per bank) |    | -F<br>= Gold Flash on Signal Pins<br>and Ground Plane, Matte<br>Tin on tails           |   |    | -WT<br>= Weld Tab<br>(N/A with -025<br>Positions) | -SP<br>= Solder Pin<br>(QTS only) |
| QSS<br>Socket |                                                   |    | -L<br>= 10 μ" (0.25 μm) Gold on<br>Signal Pins and Ground<br>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.