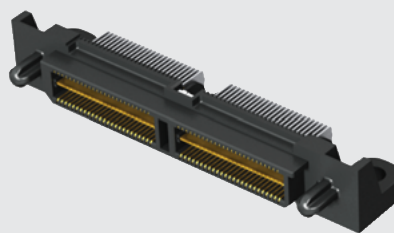
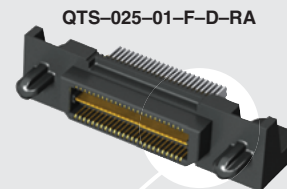


(0,635 mm) .025"



QTS-050-01-F-D-RA-WT



QTS-025-01-F-D-RA

QTS-RA SERIES

RIGHT ANGLE GROUND PLANE HEADER

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com/QTS-RA

Insulator Material:

Liquid Crystal Polymer

Terminal Material:

Phosphor Bronze

Plating:

Au or Sn over

50µ" (1,27 µm) Ni

Current Rating:

Contact:

2 A per pin

(1 pin powered per row)

Ground Plane:

15.7 A per ground plane

(1 ground plane powered)

Operating Temp Range:

-55°C to +125°C

Voltage Rating:

275 VAC mated with QSS-RA

RoHS Compliant:

Yes

Processing:

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

(0,10 mm) .004" max (025-075)

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



FILE NO. E111594

ALSO AVAILABLE (MOQ Required)

- 30µ" (0,76 µm) Gold
- Differential Pair
- "Partitionable" (combine differential & single-ended banks in same connector)
- Lead Style for (2,36 mm) .093" thick board
- -LS1 Locking Screw (Mates with QSS-RA-LS1)
- -LS2 Locking Screw (Mates with QSS-LS2)
- 100 positions per row
- Contact Samtec.

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

Board Mates:
QSS

QTS-RA/QSS-RA	Type	Rated @ 3dB Insertion Loss*
Single-Ended Signaling	-D	4.50 GHz / 9 Gbps
Differential Pair Signaling	-D	4.50 GHz / 9 Gbps
QTS-RA/QSS	Type	Rated @ 3dB Insertion Loss*
Single-Ended Signaling	-D	5.5 GHz / 11 Gbps
Differential Pair Signaling	-D	6.0 GHz / 12 Gbps

*Performance data includes effects of a non-optimized PCB.

Complete test data available at www.samtec.com/QTS-RA or contact sig@samtec.com

Integral metal plane for power or ground

Right Angle

Selectively plated

Guide Post

Final InCh
CERTIFIED

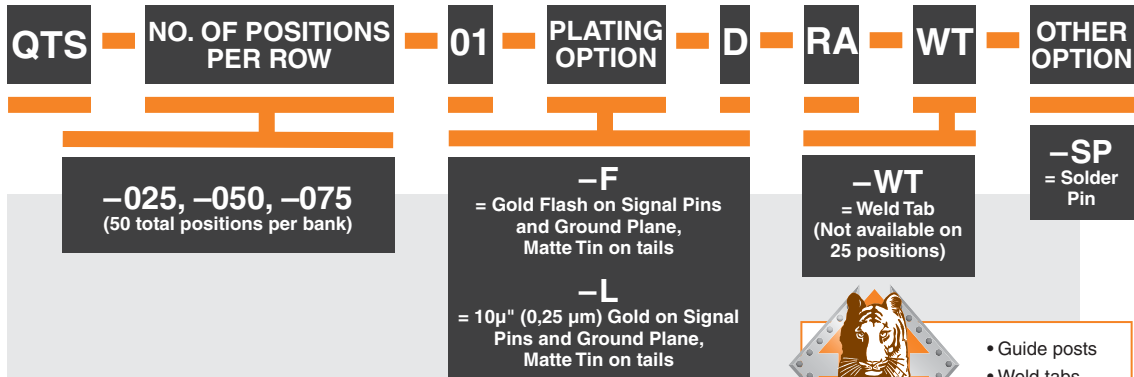
APPLICATIONS



HORIZONTAL



PERPENDICULAR



- Guide posts
- Weld tabs
- PCB mounting holes
- Solder pin option

