



QSS-050-01-L-D-RA-WT

QSS-025-01-L-D-RA

(0,635 mm) .025"

QSS-RA SERIES

RIGHT ANGLE GROUND PLANE SOCKET

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?QSS-RA

Insulator Material:

Liquid Crystal Polymer

Contact Material:

Phosphor Bronze

Plating:

Au or Sn over

50 μ " (1,27 μ m) 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:

-55°C to +125°C

Voltage Rating:

275 VAC mated with QTS-RA

RoHS Compliant:

Yes

Processing:

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

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

Board Mates:

QTS

Cable Mates:

SQCD

APPLICATIONS



HORIZONTAL



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

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

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

Complete test data available at www.samtec.com?QSS-RA or contact sig@samtec.com

Right Angle

Selectively plated

PCB mounting holes

Integral metal plane for power or ground

Guide post hole or optional locking screw thread

RECOGNITIONS

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

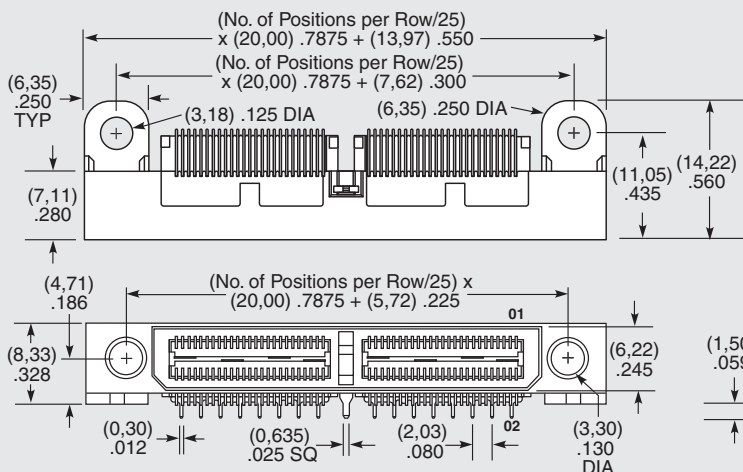
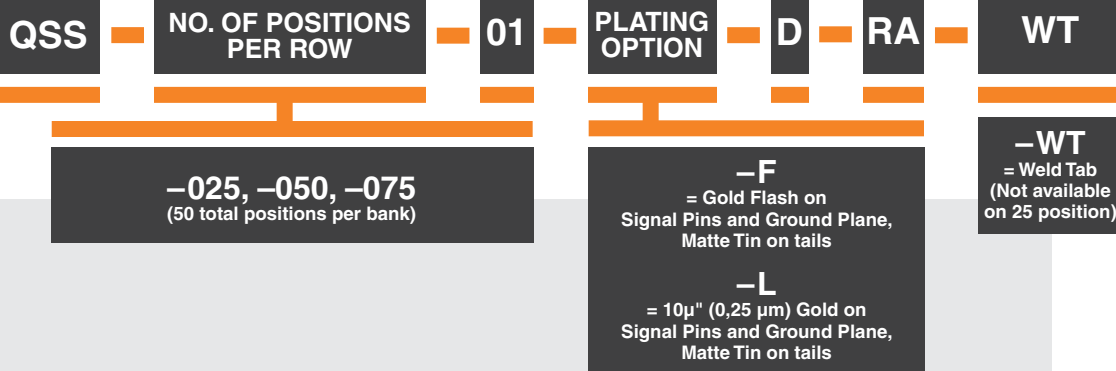


FILE NO. E111594

ALSO AVAILABLE (MOQ Required)

- 30 μ " (0,76 μ m) Gold
 - Tray Packaging
 - Lead style for (2,36 mm) .093" thick board
 - Threaded insert (-MTI) for mating with SQCD with captive screws
 - -LS1 Locking Screw Hole for mating with QTS-RA-LS1
 - 100 positions per row
- Contact Samtec.

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



APPLICATION

