

(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

Board Mates:

QTS

Cable Mates:

SQCD

APPLICATIONS



HORIZONTAL

RUGGEDIZED

BY SAMTEC

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

HIGH-SPEED CHANNEL PERFORMANCE

QSS-RA/QTS-RA

Rating based on Samtec reference channel.
For full SI performance data visit Samtec.com
or contact SiG@samtec.com

13
Gbps

Right-angle

Selectively plated

PCB mounting holes

Integral metal plane for power or ground

Guide post hole or optional locking screw thread

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

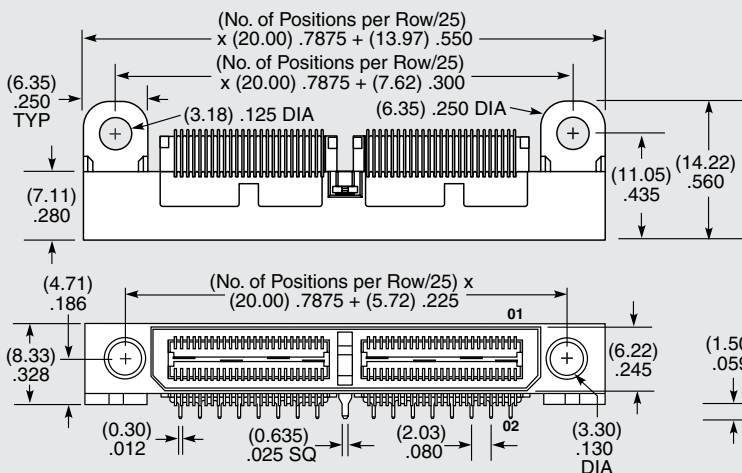
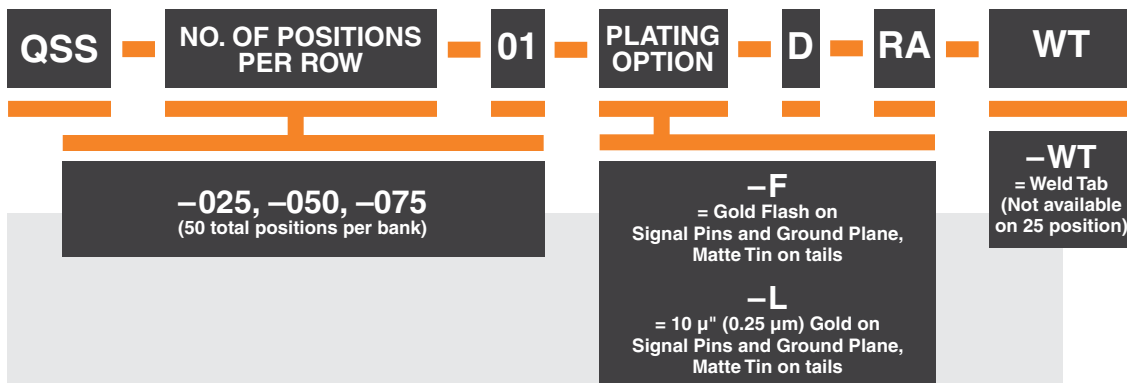


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ALSO AVAILABLE (MOQ Required)

- 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

