



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



QSS-025-01-L-D-RA

QSS-RA SERIES

(0.635 mm) .025"

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 μm (1.27 μm) Ni
Current Rating:
Contact:
2 A per pin
(2 pins powered)
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



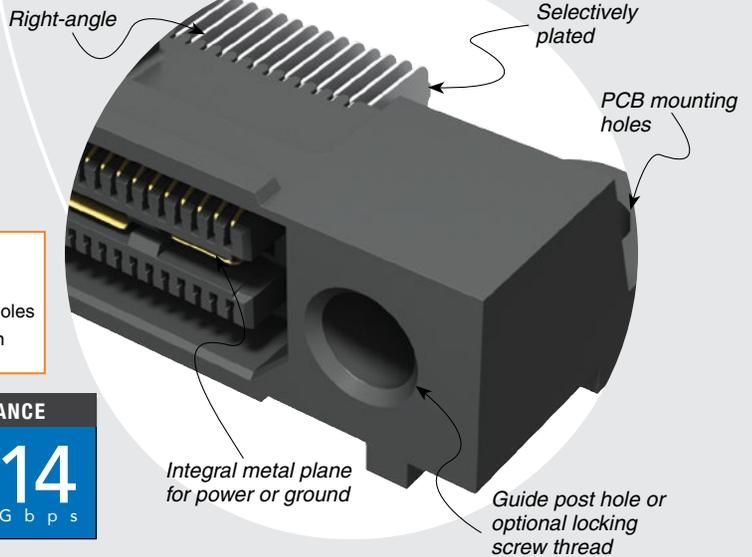
- Guide posts
- Weld tabs
- PCB mounting holes
- Solder pin option

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

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G b p s



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

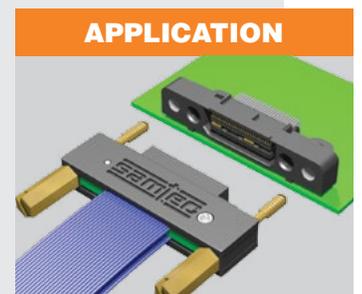
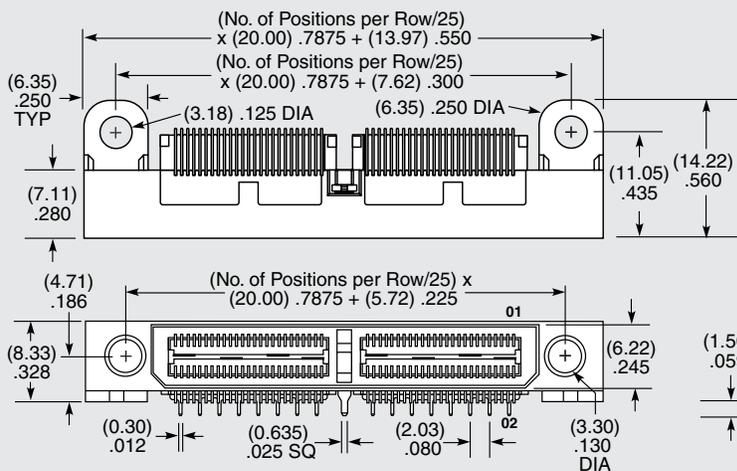
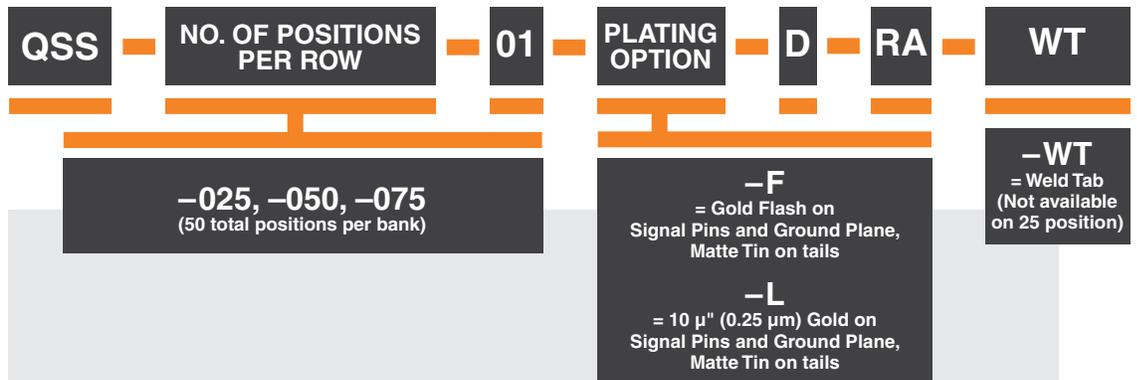


FILE NO. E111594

ALSO AVAILABLE (MOQ Required)

- 30 μm (0.76 μm) 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 sizes, styles and options are non-standard, non-returnable.



Due to technical progress, all designs, specifications and components are subject to change without notice.

WWW.SAMTEC.COM

All parts within this catalog are built to Samtec's specifications. Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.