



(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 μ" (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:
-55 °C to +125 °C

Voltage Rating:
275 VAC mated with QTS-RA
RHS Compliant:
Yes

Board Mates:
QTS

Cable Mates:
SQCD

APPLICATIONS



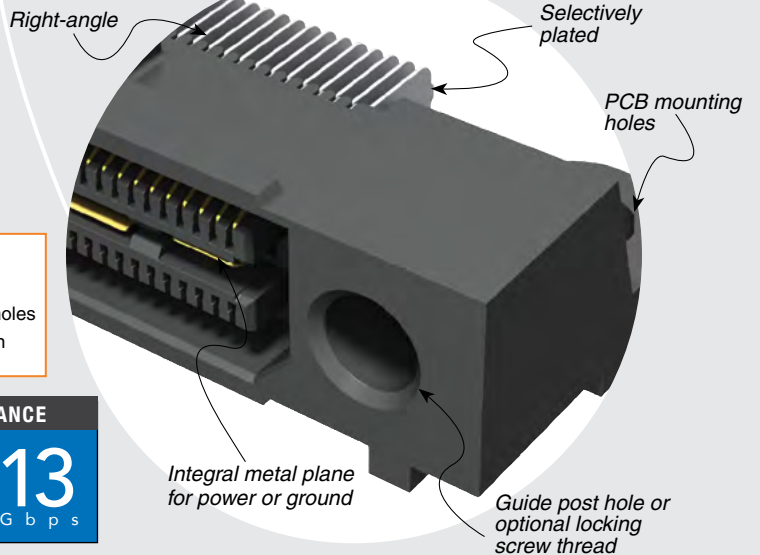
- Guide posts
- Weld tabs
- PCB mounting holes
- Solder pin option

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



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



ALSO AVAILABLE (MOQ Required)

- 30 μ" (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 lengths, styles and options are non-standard, non-returnable.

