



QFS-052-01-SL-D-RA



QFS-RA SERIES

(0.635 mm) .025"

RIGHT-ANGLE GROUND PLANE SOCKET

SPECIFICATIONS

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

Insulator Material:

Liquid Crystal Polymer

Terminal & Ground Plane Material:

Phosphor Bronze

Plating:

Au over 50 μ" (1.27 μm) Ni

(Tin on Ground Plane Tail)

Current Rating (-RA to -RA):

Signal Contact:

4.1 A per pin

(1 pin powered per row)

Ground Plane:

Testing Now!

Voltage Rating:

300 VAC

Operating Temp:

-55 °C to +125 °C

RoHS Compliant:

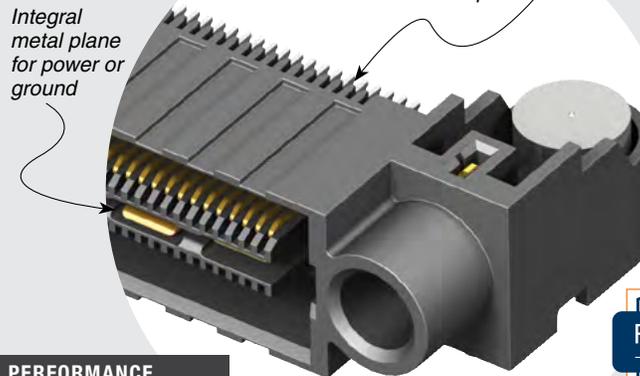
Yes

Board Mates:

QMS

Integral metal plane for power or ground

Choice of single-ended or differential pair



RUGGEDIZED
BY SAMTEC

- Increased insertion depth
- Integral guide post
- PCB mounting pins

HIGH-SPEED CHANNEL PERFORMANCE

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

	QFS-RA/QMS	QFS-RA/QMS-RA
	21	15
	G b p s	G b p s

PROCESSING

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

(0.10 mm) .004" max (026-052)

(0.15 mm) .006" max (078)

RECOGNITIONS

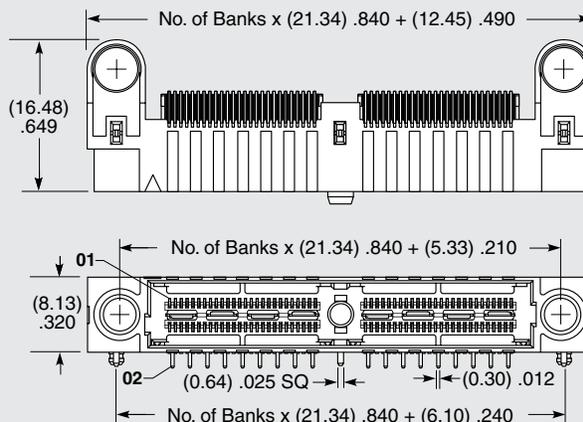
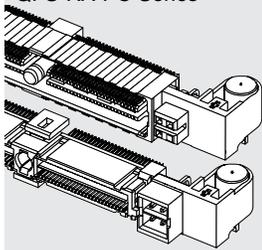
For complete scope of recognitions see www.samtec.com/quality



QFS	PINS PER ROW NO. OF PAIRS	01	PLATING OPTION	TYPE	RA	OTHER OPTION
	<p>-026, -052, -078 (52 total pins per bank = -D)</p> <p>-016, -032, -048 (16 pairs per bank = -D-DP)</p>		<p>-SL = 10 μ" (0.25 μm) Gold on Signal Pins and Ground Plane, Matte Tin on tails</p>	<p>-D = Single-Ended</p> <p>-D-DP = Differential Pair</p>		<p>-K = Polyimide film Pick & Place Pad</p> <p>-TR = Tape & Reel (-016, -026, -032 & -052 positions only)</p>

OTHER SOLUTIONS

Combination Signal/Power
See QMS-RA-PC Series or QFS-RA-PC Series



ALSO AVAILABLE
(MOQ Required)

- Other platings
 - Plastic Guide Post option
 - -02 lead style for (2.36 mm) .093" thick board
 - 64 (-DP) and 104 positions per row
- Contact Samtec.

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