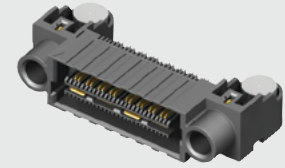


QFS-052-01-SL-D-RA



QFS-RA SERIES

(0.635 mm) .025"

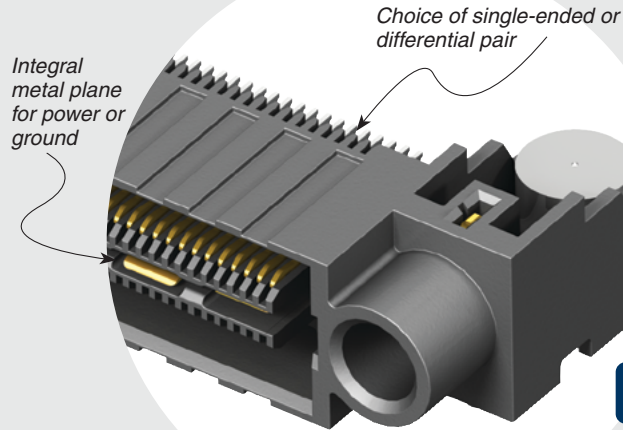
RIGHT-ANGLE GROUND PLANE SOCKET

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)
- Voltage Rating:** 300 VAC
- Operating Temp:** -55 °C to +125 °C
- RoHS Compliant:** Yes

Board Mates:
QMS



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

PROCESSING

- Lead-Free Solderable:** Yes
- SMT Lead Coplanarity:** (0.10 mm) .004" max (026-052) (0.15 mm) .006" max (078)*
*(.004" stencil solution may be available; contact IPG@samtec.com)

HIGH-SPEED CHANNEL PERFORMANCE

QFS-RA/QMS or QFS-RA/QMS-RA
Rating based on Samtec reference channel.
For full SI performance data visit Samtec.com or contact SIG@samtec.com

14
Gbps

RECOGNITIONS

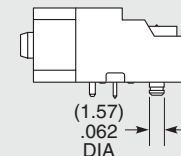
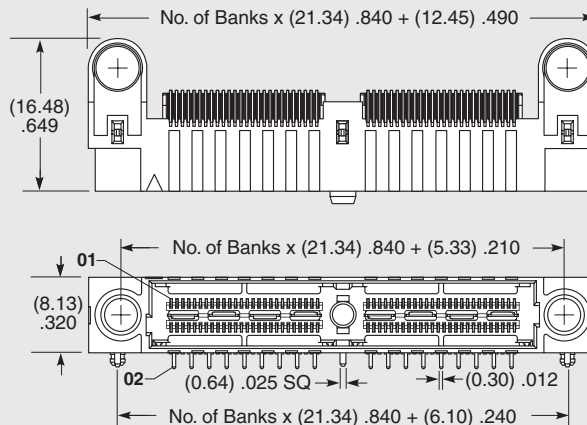
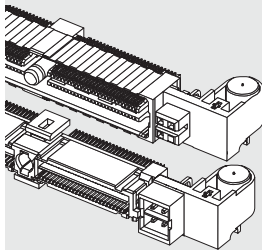
For complete scope of recognitions see www.samtec.com/quality



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

Note:
Some lengths, 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.