

QRF8-RA SERIES

(0.80 mm) .0315"

RIGHT-ANGLE GROUND PLANE SOCKET

SPECIFICATIONS

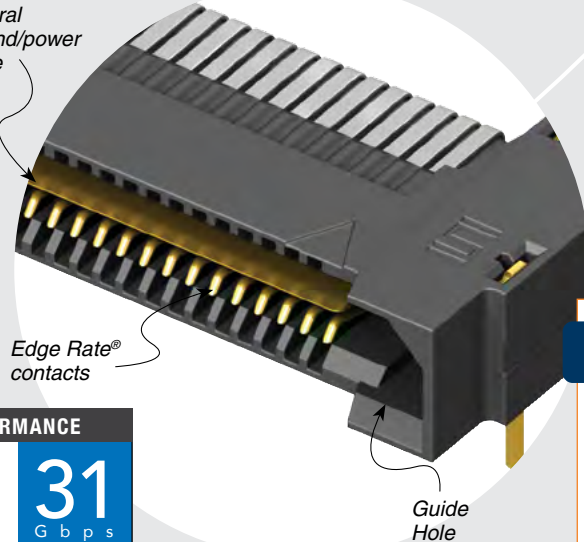
For complete specifications and recommended PCB layouts see www.samtec.com?QRF8-RA

- Insulator Material:** Black LCP
- Contact Material:** BeCu
- Ground Plane Material:** Phosphor Bronze
- Plating:** Au or Sn over 50 μm (1.27 μm) Ni
- Current Rating (QRF8-RA/QRM8):** Contact: 2.2 A per pin (1 pin powered per row) Ground Plane: 8.6 A per ground plane (1 ground plane powered)
- Operating Temp Range:** -55 °C to +125 °C
- Voltage Rating:** 230 VAC / 325 VDC
- RoHS Compliant:** Yes

Board Mates: QRM8 (-GP required)



Integral ground/power plane



Edge Rate® contacts

Guide Hole

RUGGEDIZED
BY SAMTEC

- Edge Rate® contacts
- Increased contact wipe
- Integral guide post

HIGH-SPEED CHANNEL PERFORMANCE

QRM8-RA/QRF8-RA

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

31
Gbps

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



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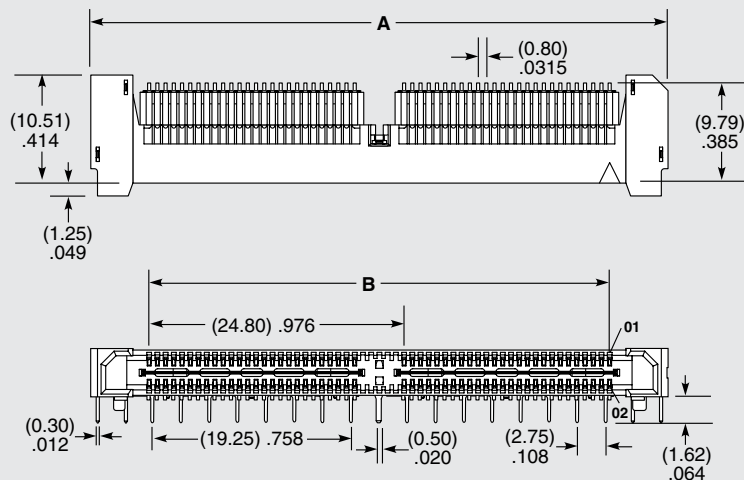
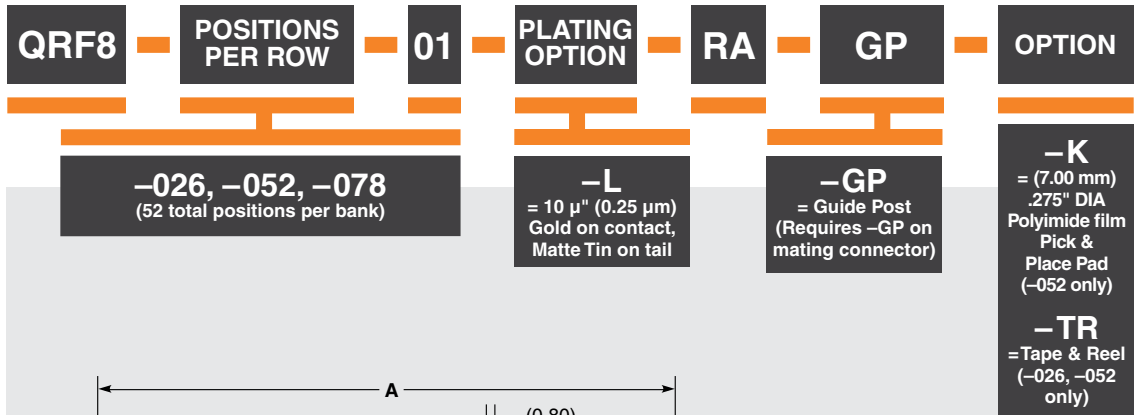
ALSO AVAILABLE (MOQ Required)

- Other platings
- Contact Samtec.

Notes: Patented

For -GP (Guide Post option) to -GP (Guide Post option) mating.

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



POSITIONS PER ROW	A	B
-026	(31.35) 1.234	(20.00) .787
-052	(56.15) 2.211	(44.80) 1.764
-078	(80.95) 3.187	(69.60) 2.740