

**QRM8-RA SERIES**

**(0.80 mm) .0315"**

# RIGHT-ANGLE GROUND PLANE HEADER

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com?QRM8-RA](http://www.samtec.com?QRM8-RA)

**Insulator Material:**

Black LCP  
**Terminal & Ground Plane Material:**

Phosphor Bronze  
**Plating:**

Au or Sn over  
50  $\mu$ " (1.27  $\mu$ m) Ni  
**Operating Temp Range:**

-55 °C to +125 °C  
**Voltage Rating:**

230 VAC/325 VDC  
**RoHS Compliant:**

Yes

## 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](http://www.samtec.com/quality)

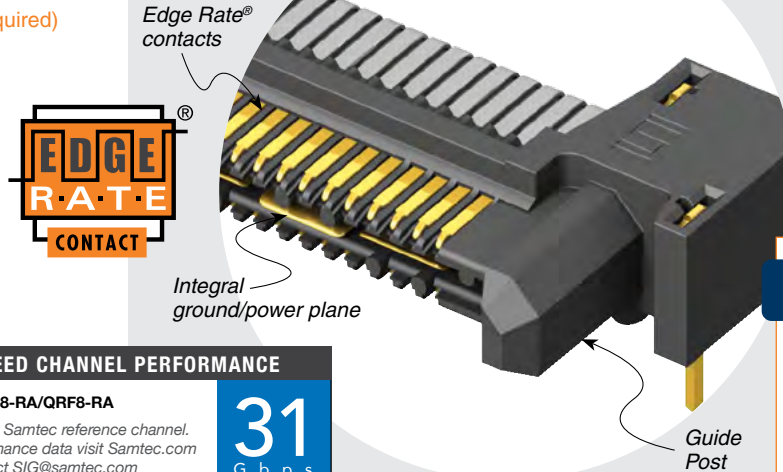


FILE NO. E111594

## ALSO AVAILABLE (MOQ Required)

- Other platings
- Contact Samtec.

**Board Mates:**  
QRF8 (-GP required)



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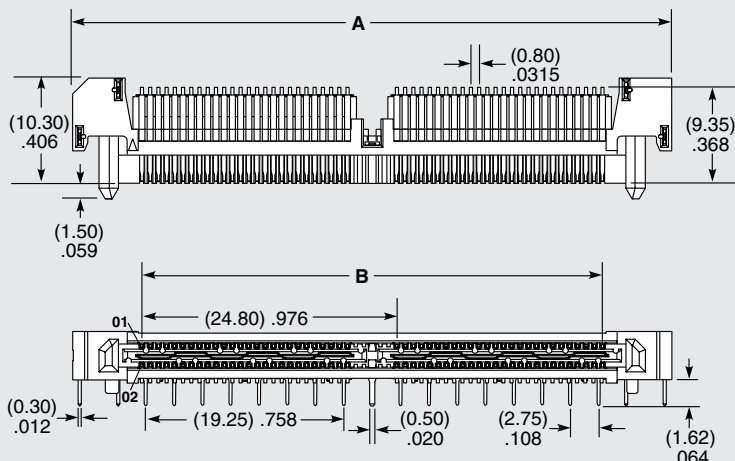
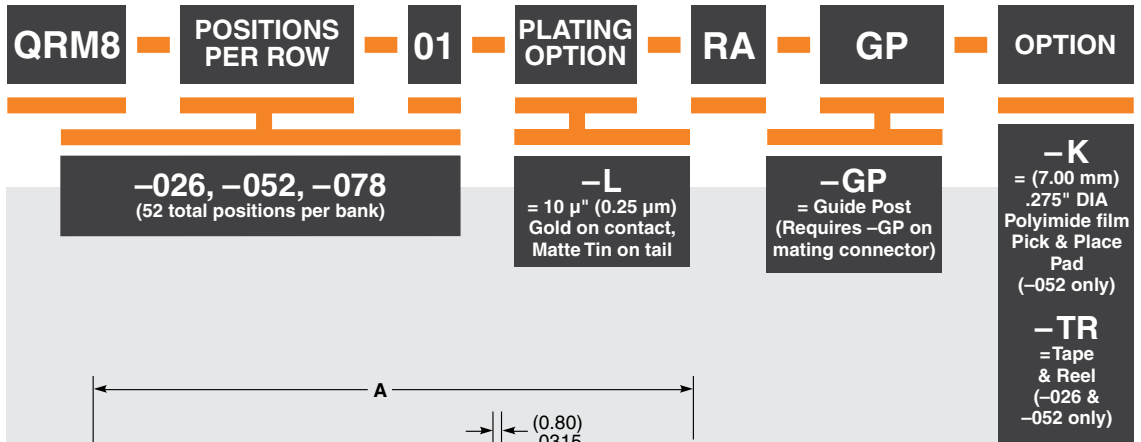
- Edge Rate® contacts
- Increased contact wipe
- Integral guide post

## HIGH-SPEED CHANNEL PERFORMANCE

**QRM8-RA/QRF8-RA**

Rating based on Samtec reference channel.  
For full SI performance data visit [Samtec.com](http://Samtec.com)  
or contact [SIG@samtec.com](mailto:SIG@samtec.com)

**31**  
Gbps



POSITIONS PER ROW	A	B
-026	(33.46) 1.317	(20.00) .787
-052	(58.26) 2.294	(44.80) 1.764
-078	(83.06) 3.270	(69.60) 2.740

**Notes:**  
Patented

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

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