

QRF8-RA SERIES

(0.80 mm) .0315"

RIGHT-ANGLE GROUND PLANE SOCKET

SPECIFICATIONS

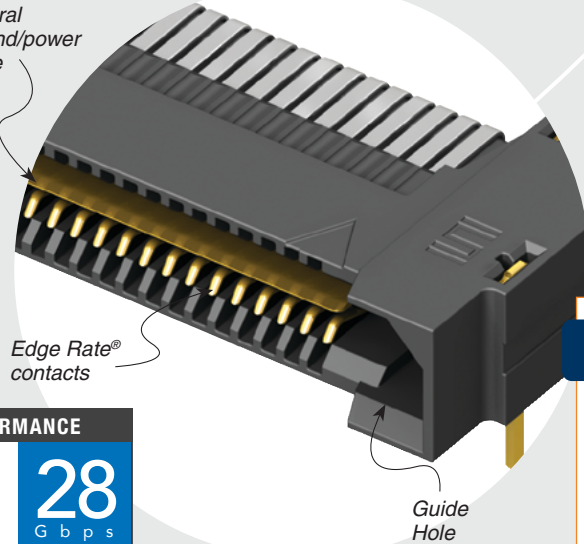
For complete specifications and recommended PCB layouts see www.samtec.com?QRF8-RA

- 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
(2 pins powered)
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

28
Gbps

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)

RECOGNITIONS

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



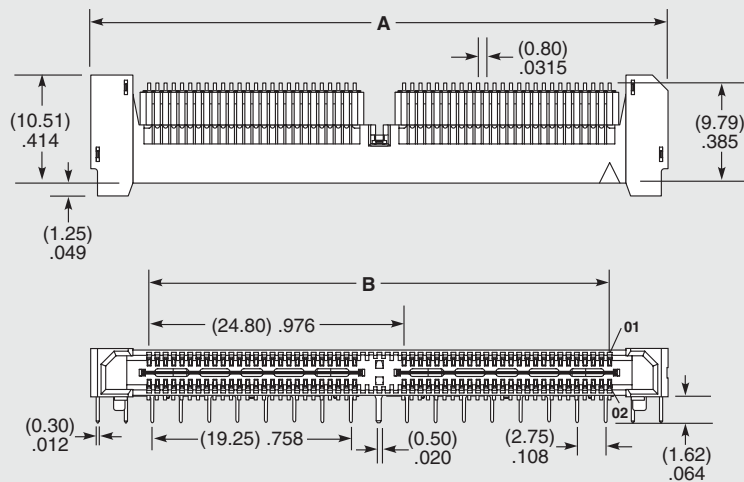
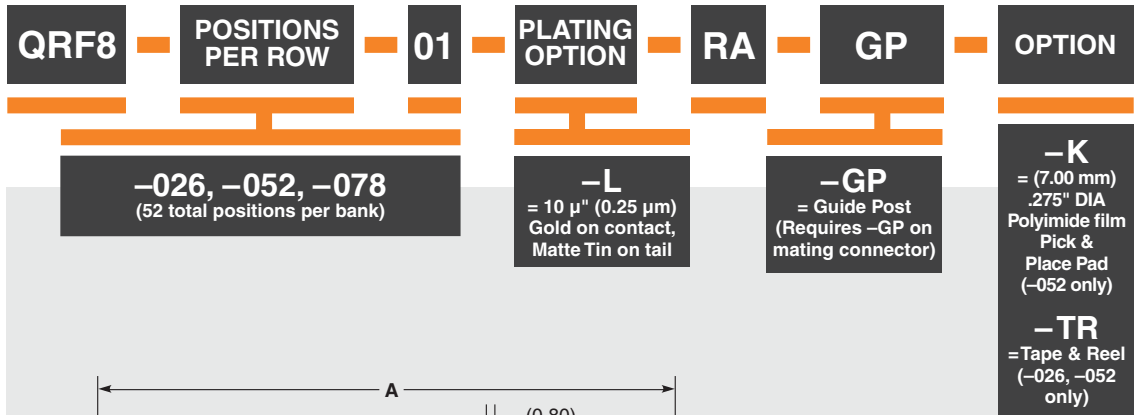
ALSO AVAILABLE (MOQ Required)

- Other platings

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