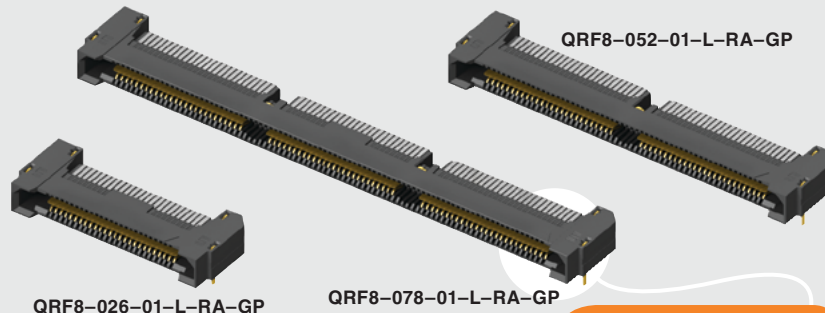


(0.80 mm) .0315"



QRF8-RA SERIES

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 μ " (1.27 μ m) 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



FILE NO. E111594

ALSO AVAILABLE (MOQ Required)

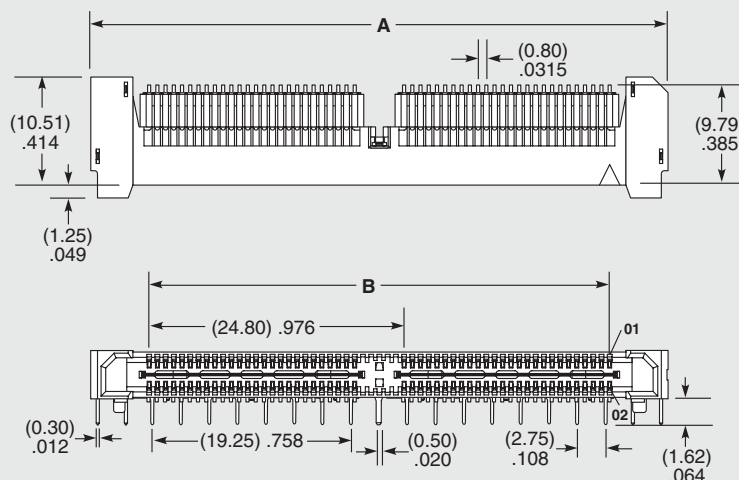
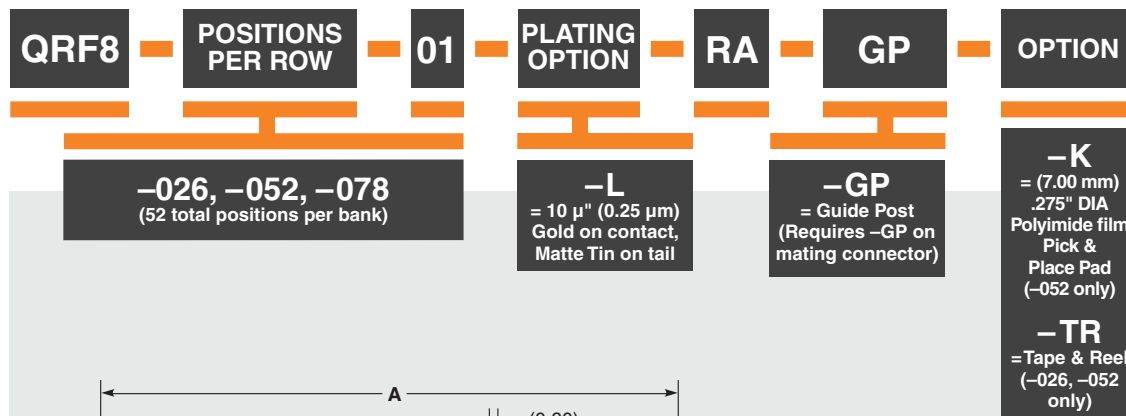
- Other platings

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

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.
Components must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.