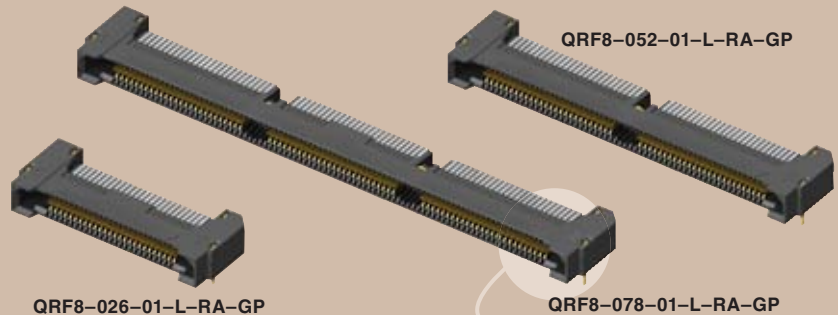




(0,80mm) .0315"

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

50μ" (1,27μm) Ni

Current Rating:

1.5A @ 95°C

(6 contacts powered)

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:

(0,10mm) .004" max (026-052)

(0,15mm) .006" max (078)

Board Mates:

QRM8 (-GP required)



Integral ground/power plane

Edge Rate™ contacts

Guide Hole

QRM8-RA/QRF8-RA	Type	Rated @ 3dB Insertion Loss*
Single-Ended Signaling	-D	4.50 GHz / 9 Gbps
Differential Pair Signaling	-D	6 GHz / 12 Gbps

*Performance data includes effects of a non-optimized PCB.

Complete test data available at www.samtec.com?QRF8-RA or contact sig@samtec.com



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

QRF8 — **POSITIONS PER ROW** — **01** — **PLATING OPTION** — **RA** — **GP** — **OPTION**

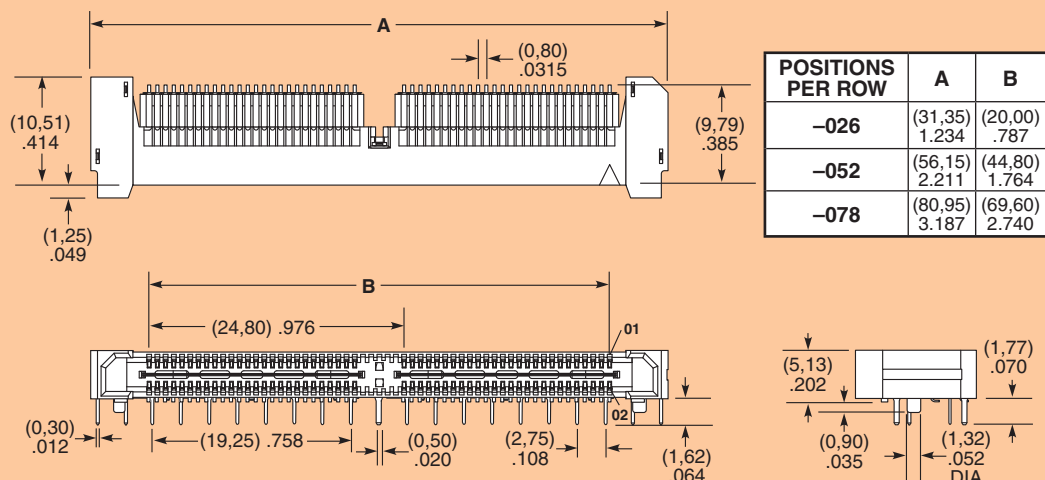
-026, -052, -078
(52 total positions per bank)

-L
= 10μ" (0,25μm) Gold on contact, Matte Tin on tail

-K
= (7,00mm) .275" DIA Polyimide film Pick & Place Pad (-052 only)

-TR
= Tape & Reel

Note: Other Gold plating options available. Contact Samtec.



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

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