



(0,635mm) .025"

QMS-RA-PC, QFS-RA-PC SERIES

QFS-052-01-SL-D-RA-PC4

QMS-052-01-SL-D-RA-PC4

HIGH SPEED SIGNAL WITH POWER

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?QMS-RA-PC or www.samtec.com?QFS-RA-PC

Insulator Material:
Liquid Crystal Polymer

Terminal & Ground Plane Material:

Phosphor Bronze

Plating:

Au over 50µ" (1,27µm) Ni
(Tin on Ground Plane Tail and Signal Tails)

Current Rating:

Power Contact: 4.1A @ 80°C

Ground Plane: 8.9A @ 80°C

Signal Contact: 1.8A @ 80°C

Voltage Rating:

300 VAC

Operating Temp:

-55°C to +125°C

RoHS Compliant:

Yes

Processing:

Lead-Free Solderable:

Yes

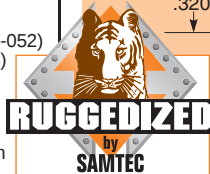
SMT Lead Coplanarity:

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

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

Board Stacking:

For applications requiring more than two connectors per board, contact ipg@samtec.com



• Integral guide post

QMS — **NO. OF POSITIONS** — **01** — **PLATING OPTION** — **D** — **RA** — **PC4** — **OTHER OPTION**

Mates with:
QFS-PC

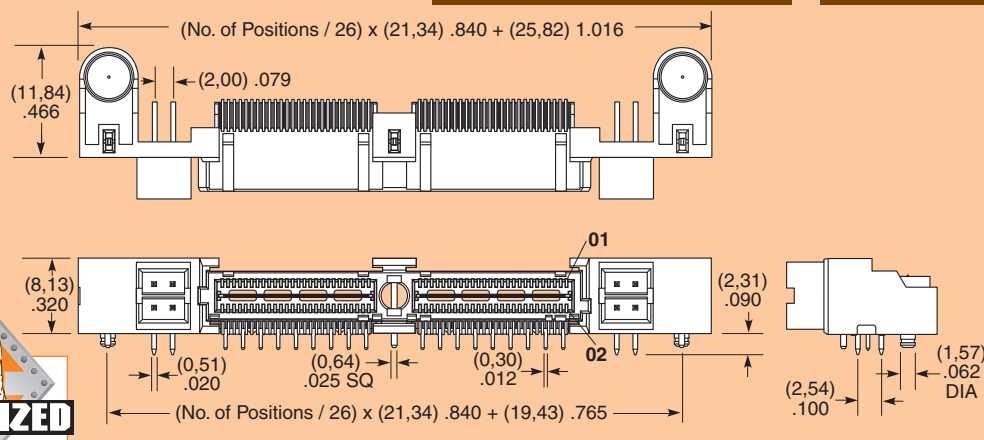
-026, -052, -078
(Per Row)

-SL

= 10µ" (0,25µm) Gold on Signal Pins and Ground Plane, Matte Tin on tails

-K

= Polyimide film Pick & Place Pad



APPLICATION SPECIFIC OPTION

- 8 Power Pins/End.
 - -02 lead style for (2,36mm) .093" thick board
- Call Samtec.

QFS — **NO. OF POSITIONS** — **01** — **PLATING OPTION** — **D** — **RA** — **PC4** — **OTHER OPTION**

Mates with:
QMS-PC

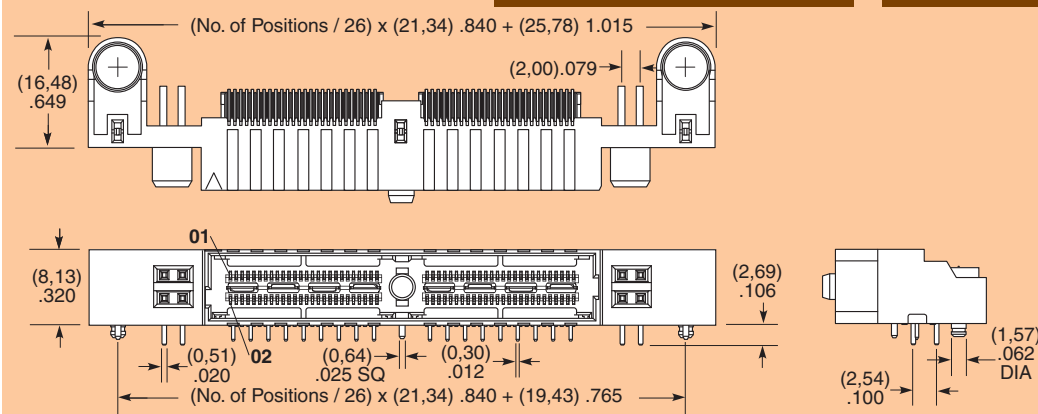
-026, -052, -078
(Per Row)

-SL

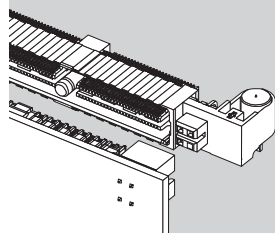
= 10µ" (0,25µm) Gold on Signal Pins and Ground Plane, Matte Tin on tails

-K

= Polyimide film Pick & Place Pad



APPLICATION



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.

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