

(0,635mm) .025"

QMS-RA, QFS-RA SERIES

QFS-052-01-SL-D-RA

QMS-052-01-SL-D-RA-MG

RIGHT ANGLE GROUND PLANE HEADER

SPECIFICATIONS

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

Insulator Material:

Liquid Crystal Polymer

Terminal & Ground Plane Material:

Phosphor Bronze

Plating:

Au over 50µ" (1,27µm) Ni

(Tin on Ground Plane Tail)

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 (-078-104)

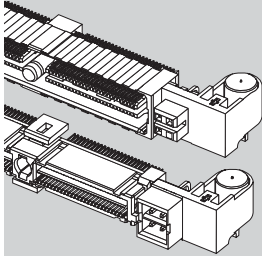


APPLICATION SPECIFIC

- Plastic Guide Post option available.
 - -02 lead style for (2,36mm) .093" thick board.
- Call Samtec.

ALSO AVAILABLE

Combination Signal/Power
See QMS-RA-PC Series or
QFS-RA-PC Series



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

QMS	PINS PER ROW NO. OF PAIRS	01	PLATING OPTION	TYPE	RA	MG	OTHER OPTION
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Board Mates:
QFS

-026, -052, -078, -104
(52 total pins per bank = -D)

-016, -032, -048, -064
(16 pairs per bank = -D-DP)

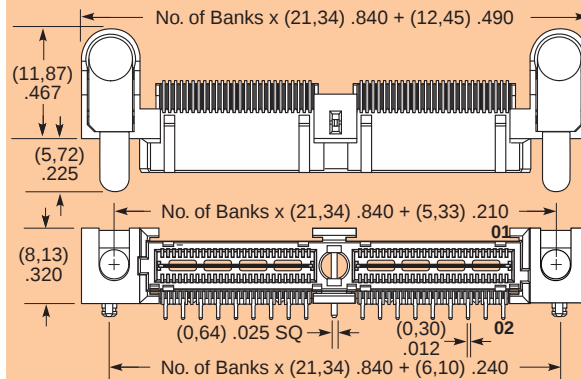
-SL
= 10µ" (0,25µm)
Gold on Signal Pins
and Ground Plane,
Matte Tin on tails

-D
= Single-Ended
-D-DP
= Differential Pair

-MG
= Metal Guide Post

-K
= Polyimide film
Pick & Place Pad

-TR
= Tape & Reel
(-016, -026, -032 & -052 positions only)



QMS-RA mated to QFS	Rated @ 3dB Insertion Loss
Single-Ended Signaling	8.0 GHz / 16 Gbps
Differential Pair Signaling	5.5 GHz / 11.0 Gbps



- Increased insertion depth
- Integral guide post
- PCB mounting pins

QFS	PINS PER ROW NO. OF PAIRS	01	PLATING OPTION	TYPE	RA	OTHER OPTION
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Mates with:
QMS, 6QP

-026, -052, -078, -104
(52 total pins per bank = -D)

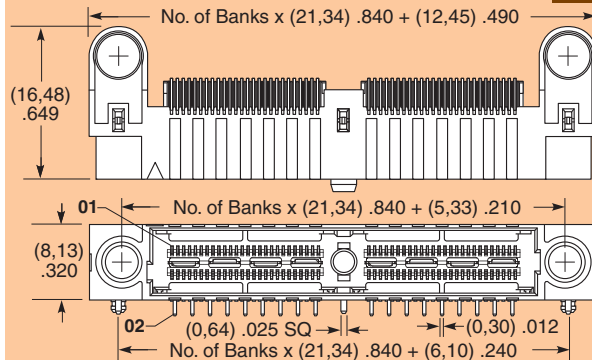
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Due to technical progress, all designs, specifications and components are subject to change without notice.

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