

QFS-052-04.25-L-D-RF1

QMS-078-05.75-L-D-RF1

RF Q2™ SERIES

QMS-RF, QFS-RF SERIES

SPECIFICATIONS

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

Insulator Material:

Liquid Crystal Polymer



Contact, Terminal & Ground Plane Material:

Phosphor Bronze

Plating:

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

Current Rating:

Contact: 1.5A @ 30°C

Temperature Rise

Ground Plane: 7.2A @ 30°C

Temperature Rise

Voltage Rating:

300 VAC

Operating Temp:

-55°C to +125°C

RoHS Compliant:

Yes

Processing:

Max Processing Temp:

230°C for 60 seconds, or

260°C for 20 seconds 3x

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

(0,10mm) .004" max (026-078)

Board Stacking:

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

QMS

NO. OF PINS
PER ROW

05.75

PLATING
OPTION

D

END
OPTION

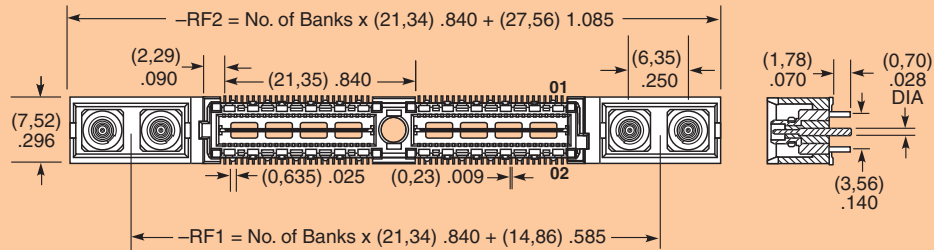
Mates with:
QFS-RF

—026, —052, —078
(52 total pins per bank)

—L
= 10µ" (0,25µm) Gold on Signal Pins,
and Ground Plane
(Gold flash on Signal Pin tails,
Tin on Ground Plane tails)

—RF1
= 1 RF
Plug per End

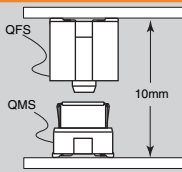
—RF2
= 2 RF
Plugs per End



APPLICATION SPECIFIC OPTION

- Differential Pairs
Call Samtec.

APPLICATION



QFS

NO. OF PINS
PER ROW

04.25

PLATING
OPTION

D

END
OPTION

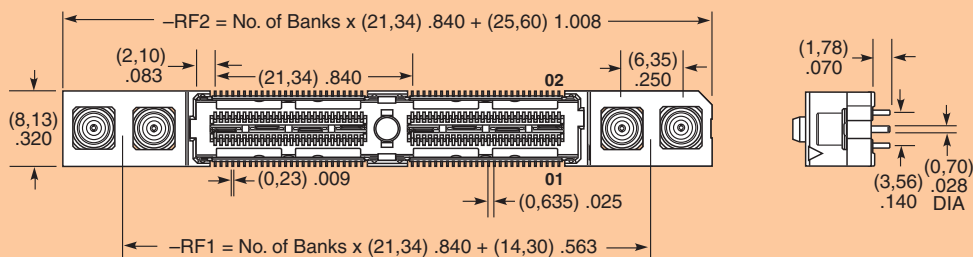
Mates with:
QMS-RF

—026, —052, —078
(52 total pins per bank)

—L
= 10µ" (0,25µm) Gold on Signal Pins,
and Ground Plane
(Gold flash on Signal Pin tails,
Tin on Ground Plane tails)

—RF1
= 1 RF
Jack per End

—RF2
= 2 RF
Jacks per End



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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