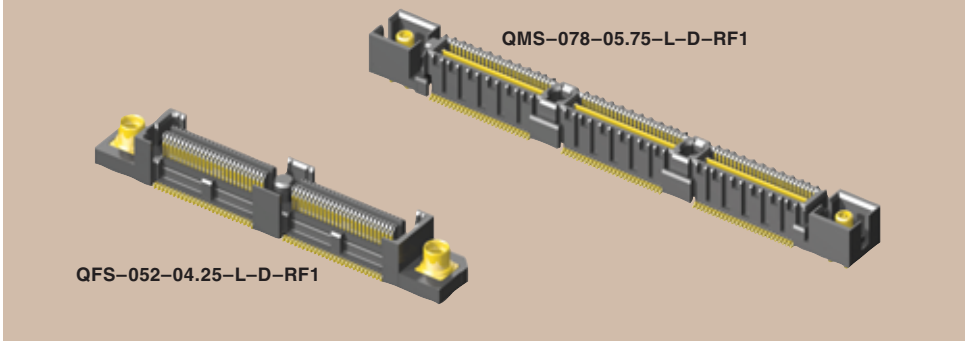
samtec

Q2™



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

FILE NO. E111594

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

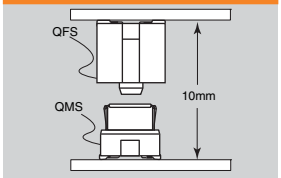
Processing:

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

APPLICATION SPECIFIC OPTION

- Differential Pairs
Call Samtec.

APPLICATION



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

QMS	–	NO. OF PINS PER ROW	–	05.75	–	PLATING OPTION	–	D	–	END OPTION

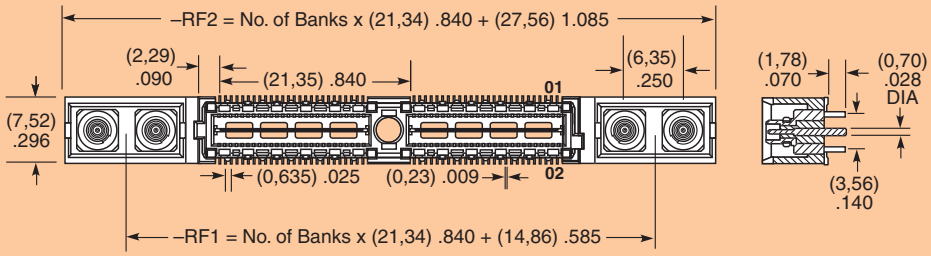
Mates with:
QFS-RF

–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



QFS	–	NO. OF PINS PER ROW	–	04.25	–	PLATING OPTION	–	D	–	END OPTION

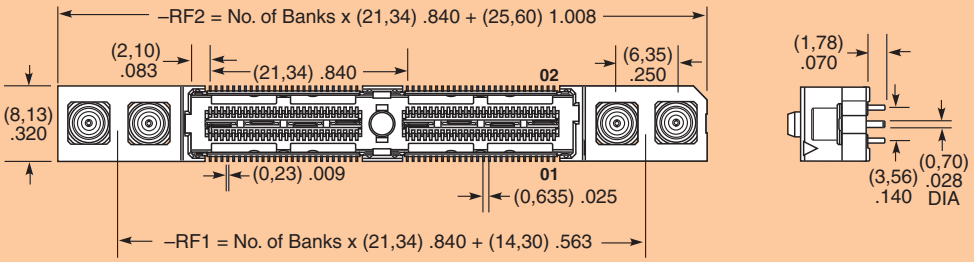
Mates with:
QMS-RF

–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



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

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