

0,635mm Q2 EDGE MOUNT QMSS-EM SERIES

SPECIFICATIONS

For complete specifications see www.samtec.com?QMSS-EM

Insulator Material:

Liquid Crystal Polymer

Terminal, Ground Plane & Shield Material:

Phosphor Bronze

Plating:

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

Current Rating:

Testing Now!

Operating Temp:

-55°C to +125°C

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

Mates with:
QFSS



APPLICATION SPECIFIC OPTION

- 8 Power Pins/End
Call Samtec.

Hot Pluggable (Shield, Ground Plane and Power Contacts, if specified, mate first, then signals)

Increased insertion depth

Standard Guide Posts or optional Power Pins

SIGNAL INTEGRITY DIVISION

Contact Samtec Signal Integrity Group for test data

Solder clip for added strength

Standard shield grounding is GSSSSG. Application Specific options available

Processing:

Max Processing Temp:

230°C for 60 seconds, or
260°C for 20 seconds 3x

Lead-Free Solderable:

Yes

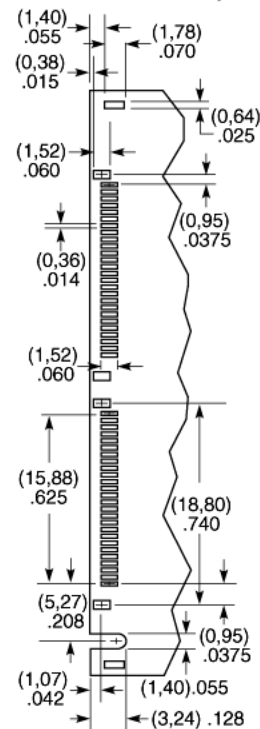
SMT Lead Coplanarity:

(0,10mm) .004" max (026-078)
(0,15mm) .006" max (104)

lead coplanarity

Suggested PCB Layouts:

For reference only. Go to www.samtec.com?QMSS-EM for recommended PCB layout.



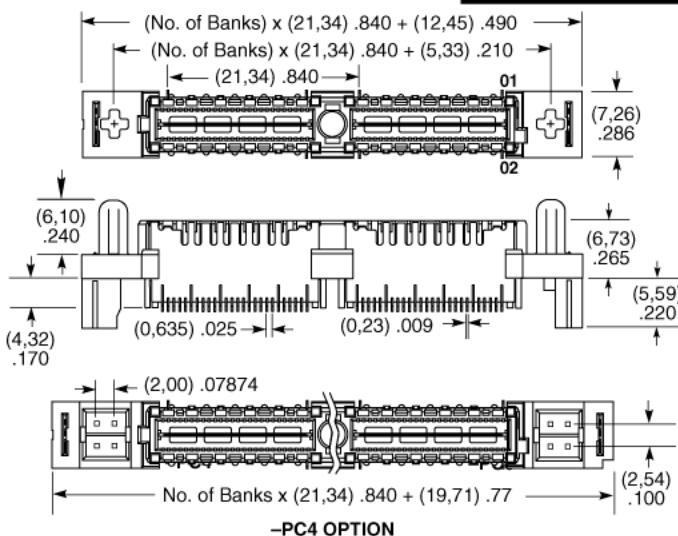
QMSS - **NO. OF PINS PER ROW** - **01** - **PLATING OPTION** - **D** - **EM2** - **OTHER OPTION**

-026, -052, -078, -104
(52 total pins per bank,
40 Signals + 12 grounds to shield)

-H
= 30µ" (0,76µm) Gold on Signal Pins,
10µ" (0,25µm) Gold on Shield and Ground Plane

-L
= 10µ" (0,25µm) Gold on Signal Pins,
Shield and Ground Plane

-PC4
= 4 Power Pins/End
(N/A with -104)



-PC4 OPTION

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

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