

MEC6-RA SERIES

(0.635 mm) .025"

RIGHT-ANGLE MICRO EDGE CARD SOCKET

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?MEC6-RA

Insulator Material:

Black LCP

Contact Material:

Phosphor Bronze

Plating:

Au or Sn over

50 μm (1.27 μm) Ni

Operating Temp Range:

-55 °C to +125 °C

Insertion Depth:

(4.22 mm) .166" to

(5.66 mm) .223"

Current Rating:

2.4 A per pin

(2 pins powered)

Voltage Rating:

195 VAC

RoHS Compliant:

Yes

Mates with:

(1.60 mm) .062" thick card

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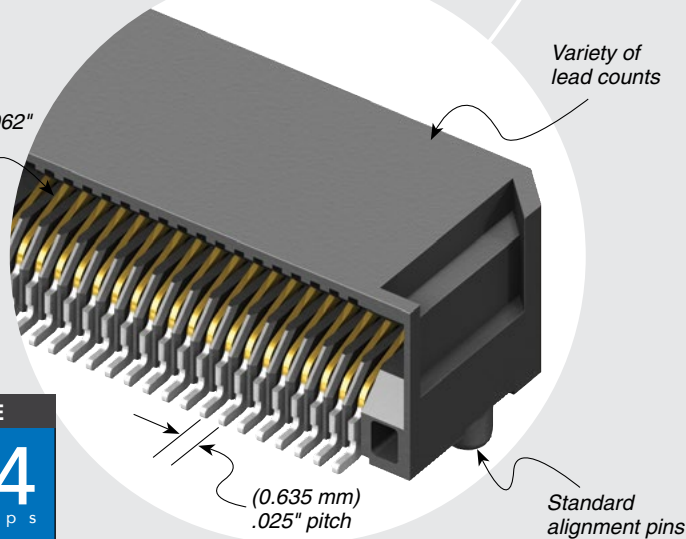
Variety of lead counts

HIGH-SPEED CHANNEL PERFORMANCE

MEC6-RA

Rating based on Samtec reference channel. For full SI performance data visit Samtec.com or contact SIG@samtec.com

14
Gbps



PROCESSING

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

(0.10 mm) .004" max (10-30)

(0.15 mm) .006" max (40-50)

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



MEC6 - **1** POSITIONS PER ROW - **02** PLATING OPTION - **D** TAIL OPTION - **OPTION**

10, 20, 30, 40, 50

-L
= 10 μm (0.25 μm) Gold on contact, Matte Tin on tail

-RA1
= Right-angle

-TR
= Tape & Reel

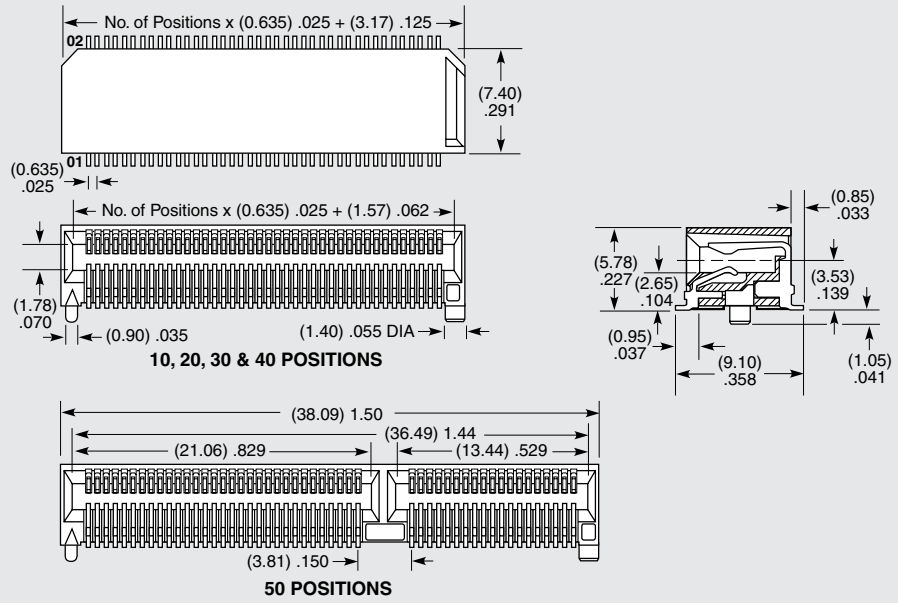
ALSO AVAILABLE (MOQ Required)

- Other platings
- Contact Samtec.

Notes:

While optimized for 50 Ω applications, this connector with alternative signal/ground patterns may also perform well in certain 75 Ω applications. Contact Samtec for further information.

Some sizes, styles and options are non-standard, non-returnable.



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