

**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](http://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:**

1.7 A per pin

(6 adjacent 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

(0.635 mm)  
.025" pitch

Standard  
alignment pins

### HIGH-SPEED CHANNEL PERFORMANCE

MEC6-RA

Rating based on Samtec reference channel.  
For full SI performance data visit [Samtec.com](http://Samtec.com)  
or contact [SIG@samtec.com](mailto:SIG@samtec.com)

**17**  
Gbps

## PROCESSING

**Lead-Free Solderable:**

Yes

**SMT Lead Coplanarity:**

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

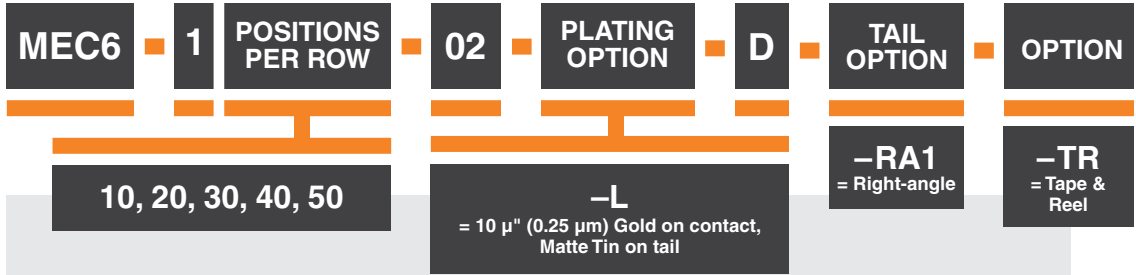
(0.15 mm) .006" max (40-50)

## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



FILE NO. E111594



## 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.

