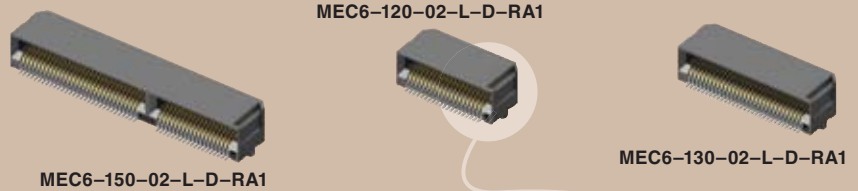




(0,635mm) .025"

MEC6-RA SERIES



# 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

50µ" (1,27µm) Ni

**Operating Temp Range:**

-55°C to +125°C

**Insertion Depth:**

(4,22mm) .166" to

(5,66mm) .223"

**Current Rating:**

Testing Now!

**Voltage Rating:**

Testing Now!

**RoHS Compliant:**

Yes

**Processing:**

Lead-Free Solderable:

Yes

**SMT Lead Coplanarity:**

(0,10mm) .004" max (10-30)

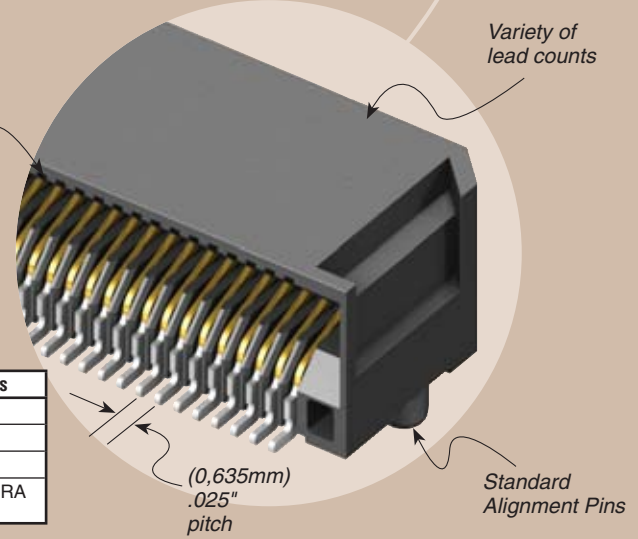
(0,15mm) .006" max (40-50)



Mates with:  
(1,60mm) .062" thick cards

Mates with  
(1,60mm)  
.062" thick  
card

Variety of  
lead counts



| 0,635mm MEC6-RA  | Rated @ 3dB Insertion Loss |
|--|----------------------------|
| <b>5,78mm Stack Height</b>   |                            |
| Single-Ended Signaling   | 7.0 GHz / 14 Gbps          |
| Differential Pair Signaling  | 7.0 GHz / 14 Gbps          |
| Complete test data available at <a href="http://www.samtec.com?MEC6-RA">www.samtec.com?MEC6-RA</a> or contact <a href="mailto:sig@samtec.com">sig@samtec.com</a> |                            |

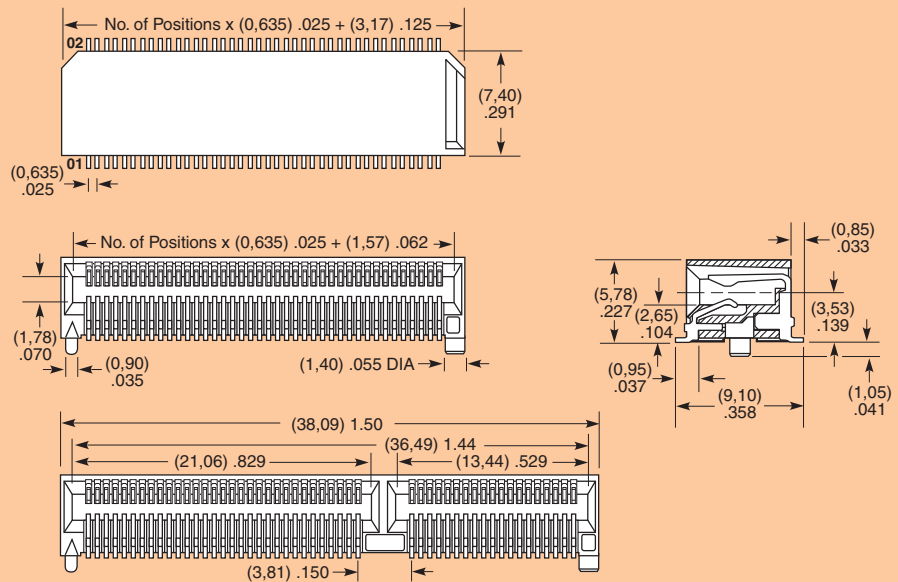
**MEC6** - **1** POSITIONS PER ROW - **02** - **PLATING OPTION** - **D** - **TAIL OPTION** - **OPTION**

**10, 20, 30, 40, 50**

**-L**  
= 10µ" (0,25µm) Gold on contact, Matte Tin on tail

**-RA1**  
= Right Angle

**-TR**  
= Tape & Reel



**Note:** Other Gold plating options available. Contact Samtec.

**Note:** 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.

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)