

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

50µ" (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

Processing:

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

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

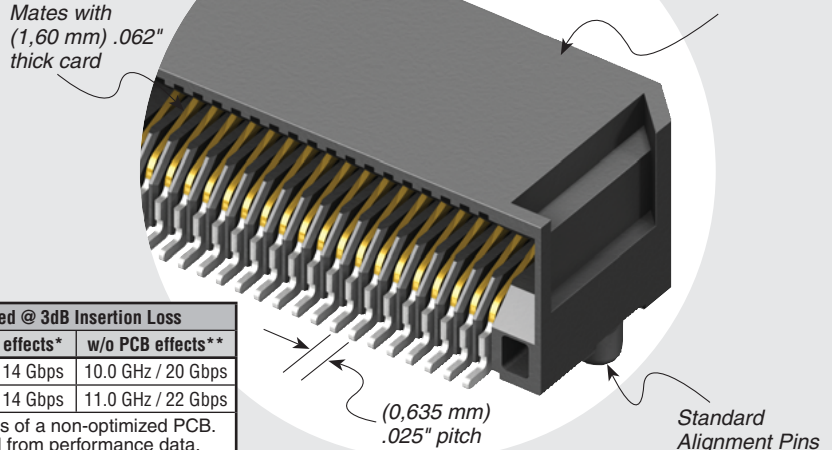
(0,15 mm) .006" max (40-50)

Mates with:

(1,60 mm) .062" thick cards

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Variety of lead counts



MEC6-RA	Rated @ 3dB Insertion Loss	
	with PCB effects*	w/o PCB effects**
Single-Ended Signaling	7.0 GHz / 14 Gbps	10.0 GHz / 20 Gbps
Differential Pair Signaling	7.0 GHz / 14 Gbps	11.0 GHz / 22 Gbps

*Performance data includes effects of a non-optimized PCB.
 **Test board losses de-embedded from performance data.
 Complete test data available at www.samtec.com?MEC6-RA or contact sig@samtec.com

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

-RA1
= Right Angle

-TR
= Tape & Reel

ALSO AVAILABLE (MOQ Required)

- Other platings
- Contact Samtec.

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

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

