

(0,635 mm) .025"

MEC6-RA SERIES

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:

Testing Now!

Voltage Rating:

Testing Now!

RoHS Compliant:

Yes

Processing:

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

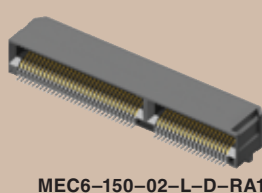
(0,10 mm) .004" max (10-30)

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



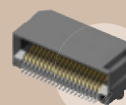
Mates with:

(1,60 mm) .062" thick cards

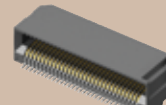


MEC6-150-02-L-D-RA1

MEC6-120-02-L-D-RA1



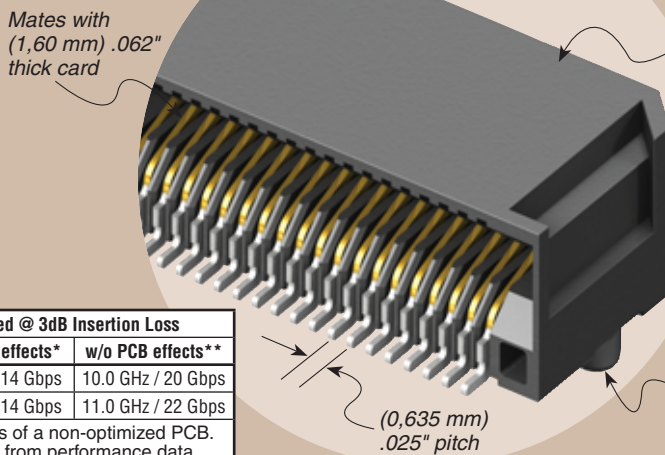
MEC6-130-02-L-D-RA1



RIGHT ANGLE MICRO EDGE CARD SOCKET

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

Variety of
lead counts



(0,635 mm)
.025" pitch

Standard
Alignment Pins

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

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

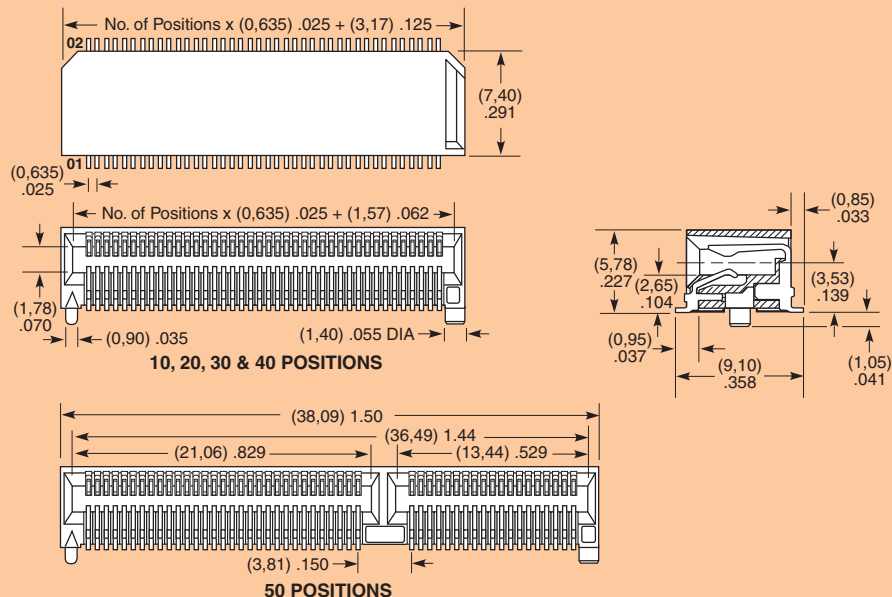
-RA1
= Right
Angle

-TR
= Tape &
Reel

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: 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.

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