

# MICRO EDGE-CARD SOCKET MEC8-EM SERIES

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com?MEC8-EM](http://www.samtec.com?MEC8-EM)

### 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:

(4,32mm) .170" to (5,66mm) .223"

### Current Rating:

1.6A @ 80°C ambient

### Voltage Rating:

400 VAC

### Processing:

#### Max Processing Temp:

230°C for 60 seconds, or 260°C for 20 seconds 3x with Matte Sn plating

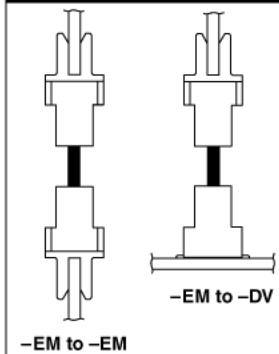
#### Lead-Free Solderable:

Yes, with Matte Sn



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

## APPLICATIONS



Accepts (1,60mm) .062" card

(0,80mm) .031" pitch

Mounts on (1,60mm) .062" PCB edge

Edge Mount (Vertical and Right Angle configuration available)

## APPLICATION SPECIFIC OPTION

- 1mm mating card thickness option  
Call Samtec.

MEC8

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POSITIONS PER ROW

02

PLATING OPTION

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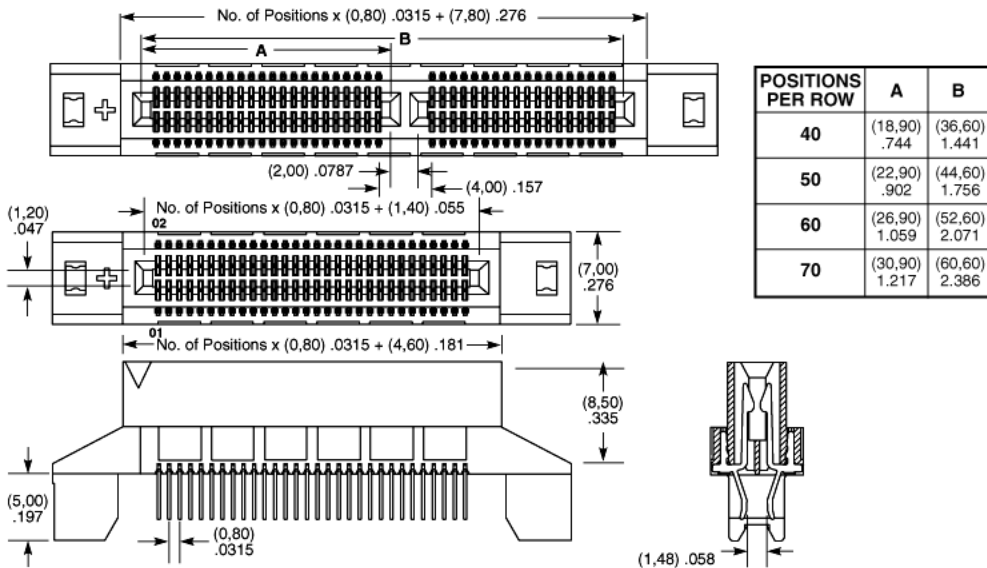
-EM2

10, 20, 30, 40, 50, 60, 70

-L or -LM

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

-EM2 = (1,60mm) .062" thick PCB



**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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