

(0,80mm) .0315"

MEC8-RA, MEC8-EM SERIES

RIGHT ANGLE/EDGE MOUNT SOCKETS

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

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?MEC8-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: (3,94mm) .155" to (6,25mm) .246"

Current Rating: 1.8A @ 30°C Temperature Rise

Voltage Rating: 265 VAC

RoHS Compliant: Yes

Lead-Free Solderable: Yes

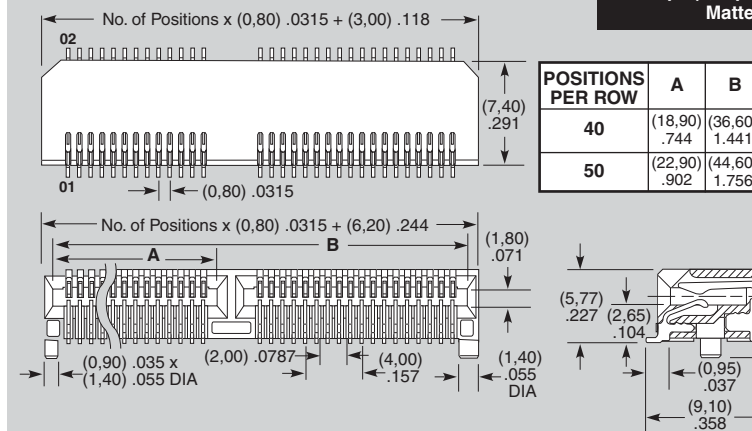
Note: Some sizes, styles and options are non-standard, non-returnable.

MEC8 - **1** POSITIONS PER ROW - **02** PLATING OPTION - **D** - **RA1** - OTHER OPTION

10, 13, 20, 25, 30, 37, 40, 49, 50

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

-TR
= Tape & Reel Packaging



0,80mm MEC8-RA	Rated @ 3dB Insertion Loss
5,78mm Stack Height	
Single-Ended Signaling	6.5 GHz / 13 Gbps
Differential Pair Signaling	8.0 GHz / 16 Gbps

For complete test data go to www.samtec.com?MEC8-RA or contact sig@samtec.com

APPLICATION SPECIFIC OPTION

- 1mm mating card thickness option
 - Latching option (mates with EEDP series)
- Call Samtec.

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

SPECIFICATIONS

For complete specifications and recommended PCB layouts see 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: 1.8A @ 30°C Temperature Rise

Voltage Rating: 265 VAC

RoHS Compliant: Yes

Lead-Free Solderable: Yes

Yes

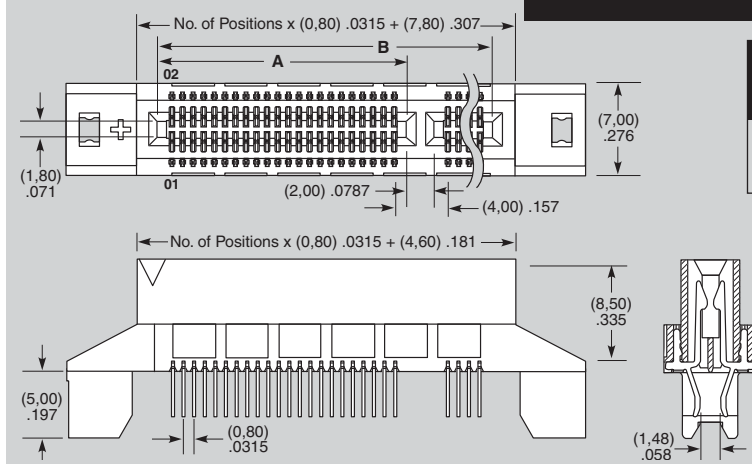
Note: Some sizes, styles and options are non-standard, non-returnable.

MEC8 - **1** POSITIONS PER ROW - **02** PLATING OPTION - **D** - **-EM2**

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

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

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



APPLICATION SPECIFIC OPTION

1mm mating card thickness option.
Call Samtec.

Due to technical progress, all designs, specifications and components are subject to change without notice.

WWW.SAMTEC.COM