



(0,80mm) .0315"

MEC8-RA, MEC8-EM SERIES

MEC8-140-02-L-D-EM2

MEC8-160-02-L-D-EM2

MEC8-110-02-L-D-RA1

MEC8-140-02-L-D-RA1

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

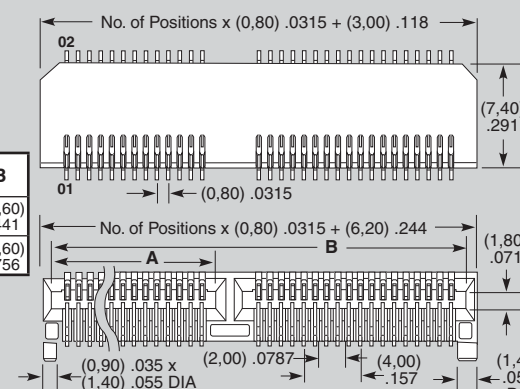
Note: Some sizes, styles and options are non-standard, non-returnable.



POSITIONS PER ROW	A	B
40	(18,90) .744	(36,60) 1.441
50	(22,90) .902	(44,60) 1.756

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

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

*Performance data includes effects of a non-optimized PCB.
Complete test data available at www.samtec.com?MEC8-RA or contact sig@samtec.com

APPLICATION SPECIFIC

- 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:

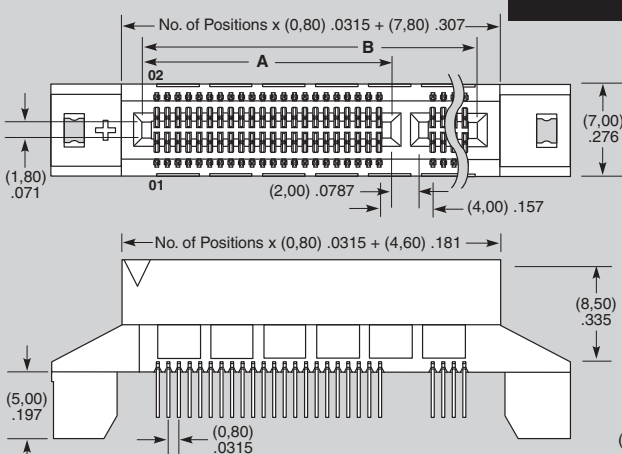
Yes

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.

POSITIONS PER ROW	A	B
40	(18,90) .744	(36,60) 1.441
50	(22,90) .902	(44,60) 1.756
60	(26,90) 1.059	(52,60) 2.071
70	(30,90) 1.217	(60,60) 2.386

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

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