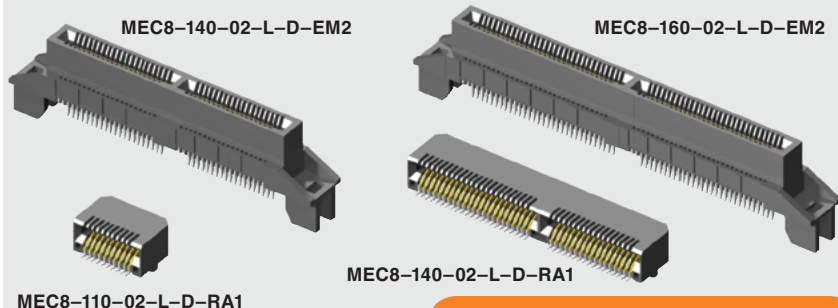




(0.80 mm) .0315"

MEC8-RA, MEC8-EM SERIES

RIGHT-ANGLE/EDGE MOUNT SOCKETS

Mates with:

(1.60 mm) .062" thick card

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 50 μ " (1.27 μ m) Ni

Operating Temp Range:

-55 °C to +125 °C

Insertion Depth:

(3.94 mm) .155" to

(6.25 mm) .246"

Current Rating:

2.4 A per pin

(2 adjacent pins powered)

Voltage Rating: 265 VAC

RoHS Compliant: Yes

Lead-Free Solderable: Yes

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



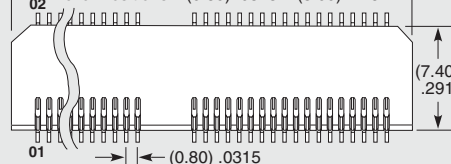
FILE NO. E111594

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

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

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

POS. PER ROW	A	B
13	(6.10) .240	(15.00) .591
25	(18.10) .713	(34.20) 1.346
37	(18.90) .744	(36.60) 1.441
40	(43.80) .902	(86.60) 1.724
49	(22.90) .902	(44.60) 1.756
50		



-L
= 10 μ " (0.25 μ m) Gold on contact,
Matte Tin on tail

-TR
= Tape & Reel
Packaging

HIGH-SPEED CHANNEL PERFORMANCE

MEC8-RA

Rating based on Samtec reference channel.
For full SI performance data visit Samtec.com
or contact SIG@samtec.com

14
Gbps

ALSO AVAILABLE
(MOQ Required)

- 1 mm mating card thickness option
- Latching option
- Elevated

Mates with:

(1.60 mm) .062" thick card

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 50 μ " (1.27 μ m) Ni

Operating Temp Range:

-55 °C to +125 °C

Insertion Depth:

(4.32 mm) .170" to

(5.66 mm) .223"

Current Rating:

2.2 A per pin

(2 adjacent pins powered)

Voltage Rating: 265 VAC

RoHS Compliant: Yes

Lead-Free Solderable: Yes

RECOGNITIONS

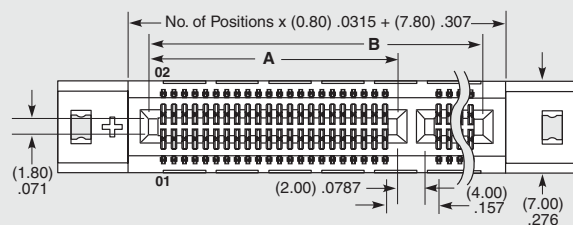
For complete scope of recognitions see www.samtec.com/quality



FILE NO. E111594

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

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



-L
= 10 μ " (0.25 μ m) Gold on contact,
Matte Tin on tail

EM2
= (1.60 mm) .062"
thick PCB

HIGH-SPEED CHANNEL PERFORMANCE

MEC8-EM

Rating based on Samtec reference channel.
For full SI performance data visit Samtec.com
or contact SIG@samtec.com

14
Gbps

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

ALSO AVAILABLE
(MOQ Required)

- 1 mm mating card thickness option

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

WWW.SAMTEC.COM

All parts within this catalog are built to Samtec's specifications.

Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.