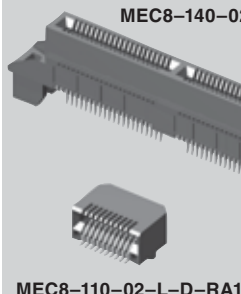


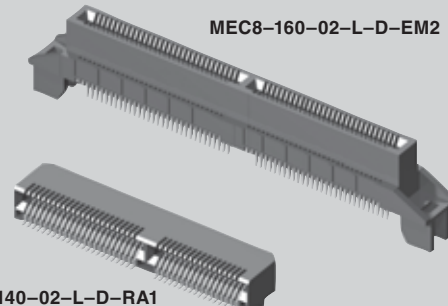


(0,80 mm) .0315"

MEC8-RA, MEC8-EM SERIES



MEC8-140-02-L-D-RA1



MEC8-160-02-L-D-EM2

RIGHT ANGLE/EDGE MOUNT SOCKETS

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

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" (1,27 µm) Ni

Operating Temp Range:
-55°C to +125°C

Insertion Depth:
(3,94 mm) .155" to

(6,25 mm) .246"

Current Rating:
1.8A per contact

@ 30°C

Temperature Rise

Voltage Rating:
265 VAC

RoHS Compliant:
Yes

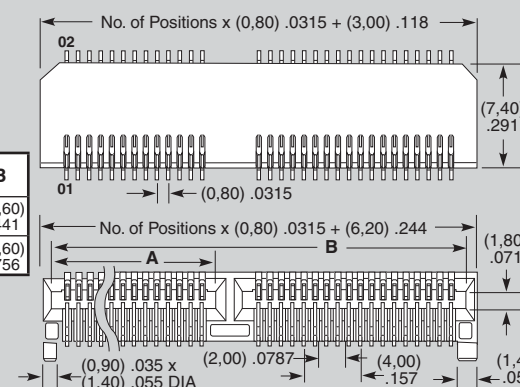
Lead-Free Solderable:
Yes

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

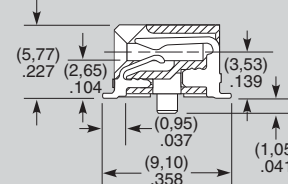


-L
= 10µ" (0,25 µm) Gold on contact,
Matte Tin on tail

-TR
= Tape & Reel
Packaging

MEC8-RA 5,78 mm 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

- 1 mm mating card thickness option
 - Latching option
- Call Samtec.

Mates with:
(1,60 mm) .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" (1,27 µm) Ni

Operating Temp Range:
-55°C to +125°C

Insertion Depth:
(4,32 mm) .170" to

(5,66 mm) .223"

Current Rating:
1.8A per contact @ 30°C

Temperature Rise

Voltage Rating:
265 VAC

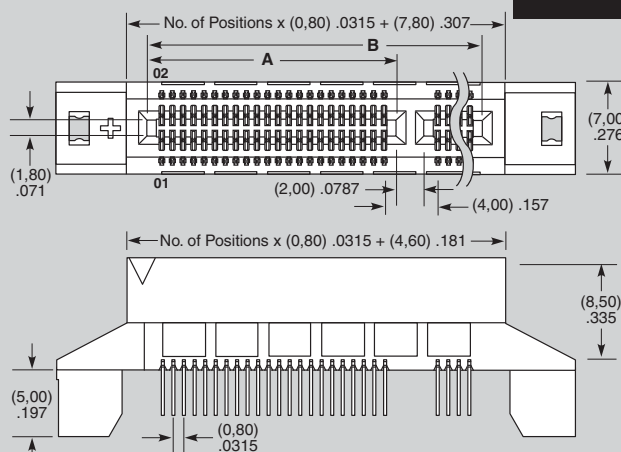
RoHS Compliant:
Yes

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" (0,25 µm) Gold on contact,
Matte Tin on tail

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

APPLICATION SPECIFIC OPTION

1 mm 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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