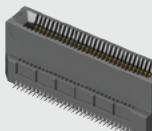
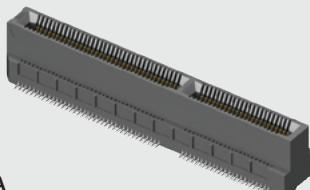


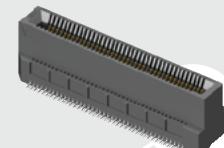
MEC6-140-02-L-DV-A



MEC6-130-02-L-DV-A



MEC6-160-02-L-DV-A



MEC6-DV SERIES

(0.635 mm) .025"

VERTICAL MICRO EDGE CARD SOCKET

SPECIFICATIONS

For complete specifications and recommended PCB layouts see see www.samtec.com?MEC6-DV

Insulator Material:

Black LCP

Contact Material:

Phosphor Bronze

Plating:

Au or Sn over

50 μ " (1.27 μ m) Ni

Operating Temp Range:

-55 $^{\circ}$ C to +125 $^{\circ}$ C

Insertion Depth:

(4.22 mm) .166" to

(5.66 mm) .223"

Current Rating:

2.4 A per pin

(2 pins powered)

Voltage Rating:

210 VAC

RoHS Compliant:

Yes

PROCESSING

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

(0.10 mm) .004" max (10-50)

(0.15 mm) .006" max (60-70)*

(.004" stencil solution
may be available; contact
IPG@samtec.com)

RECOGNITIONS

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



ALSO AVAILABLE (MOQ Required)

- Locking Clip
(Manual placement required)
- Other platings

Notes:

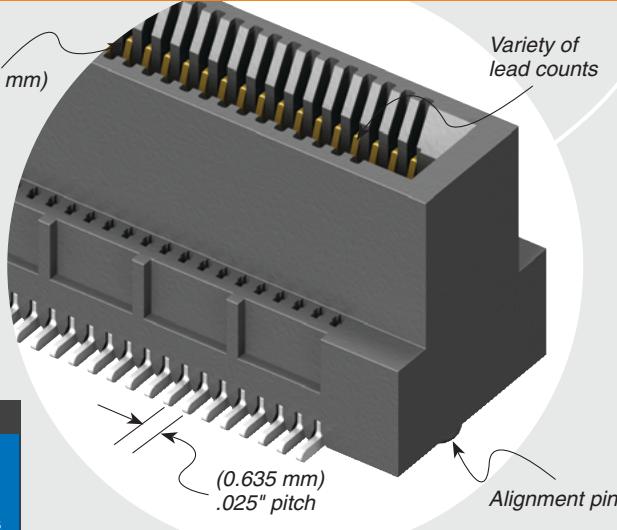
While optimized for 50 Ω applications, this connector with alternative signal/ground patterns may also perform well in certain 75 Ω applications.

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

Mates with:
(1.60 mm) .062" thick card

Mates with (1.60 mm)
.062" thick card

Variety of
lead counts



HIGH-SPEED CHANNEL PERFORMANCE

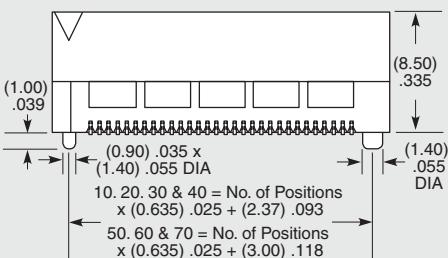
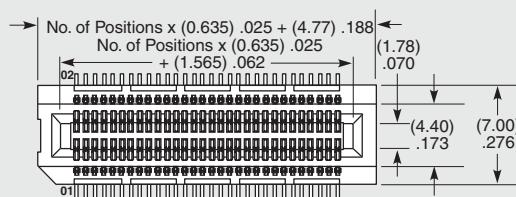
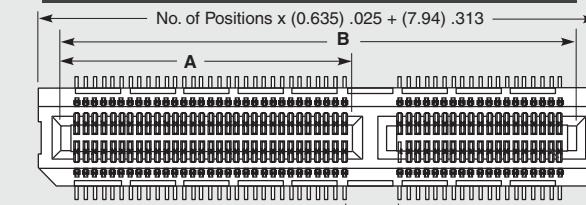
MEC6-DV

14
Gbps

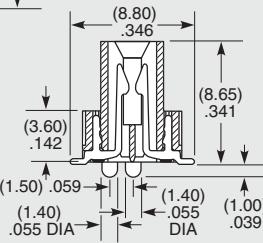
Rating based on Samtec reference channel.
For full SI performance data visit Samtec.com
or contact SIG@samtec.com



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



POSITIONS PER ROW	A	B
50	(21.06) .829	(36.49) 1.437
60	(24.87) .979	(42.84) 1.687
70	(28.68) 1.129	(49.19) 1.937



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.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Samtec:

[MEC6-130-02-L-DV-A-K-TR](#)