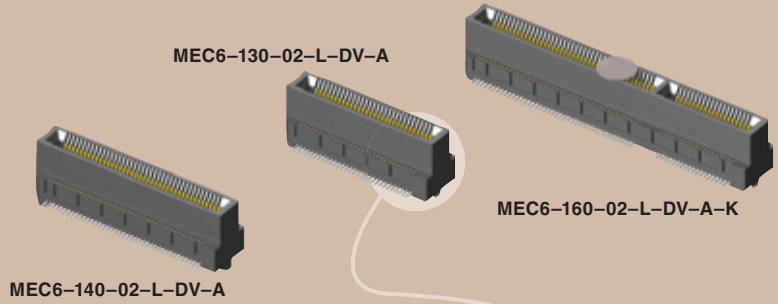




(0,635mm) .025"

MEC6-DV SERIES



# VERTICAL MICRO EDGE CARD SOCKET

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com?MEC6-DV](http://www.samtec.com?MEC6-DV)

**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:**

(4,22mm) .166" to

(5,66mm) .223"

**Current Rating:**

Testing Now!

**Voltage Rating:**

Testing Now!

**RoHS Compliant:**

Yes

## Processing:

**Max Processing Temp:**

230°C for 60 seconds, or

260°C for 20 seconds 3x

**Lead-Free Solderable:**

Yes

**SMT Lead Coplanarity:**

(0,10mm) .004" max (10-50)

(0,15mm) .006" max (60-70)



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

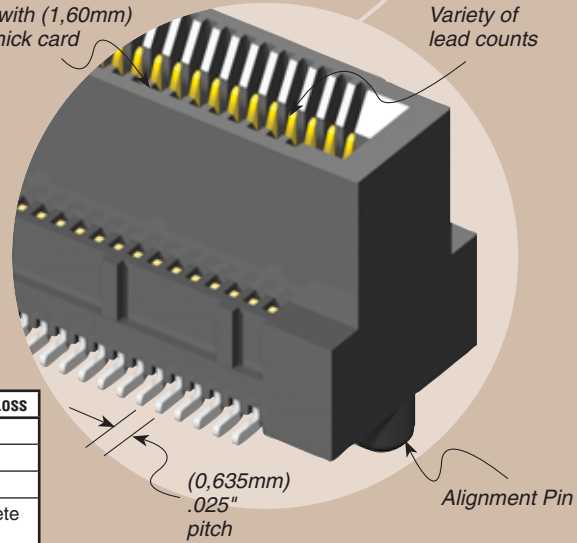
## APPLICATION SPECIFIC OPTION

- Locking Clip
- Call Samtec.

0,635mm MEC6-DV	Rated @ -3dB Insertion Loss
8,65mm Stack Height	
Single-Ended Signaling	7.5 GHz / 15 Gbps
Differential Pair Signaling	7.0 GHz / 14 Gbps
Performance data for other stack heights and complete test data available at <a href="http://www.samtec.com?MEC6-DV">www.samtec.com?MEC6-DV</a> or contact <a href="mailto:sig@samtec.com">sig@samtec.com</a>	

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

Variety of lead counts

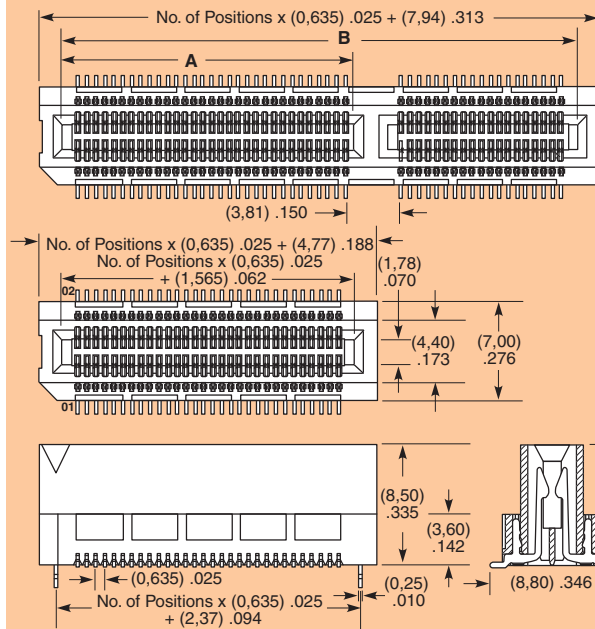


10, 20, 30, 40, 50, 60, 70

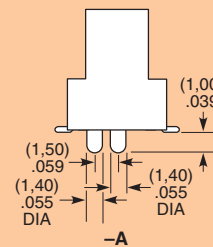
-L  
= 10µ" (0,25µm) Gold on contact, Matte Tin on tail

-K  
= (5,50) .217" DIA Polyimide Pick & Place Pad

-TR  
= Tape & Reel



POSITIONS PER ROW	A	B
50	(22,96) .904	(36,49) 1.437
60	(24,87) .979	(42,84) 1.687
70	(28,68) 1.129	(49,19) 1.937



**Note:** Other Gold plating options available. Contact Samtec.

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

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

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)

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