

# 0,635mm MICRO EDGE CARD MEC6-DV SERIES

## 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

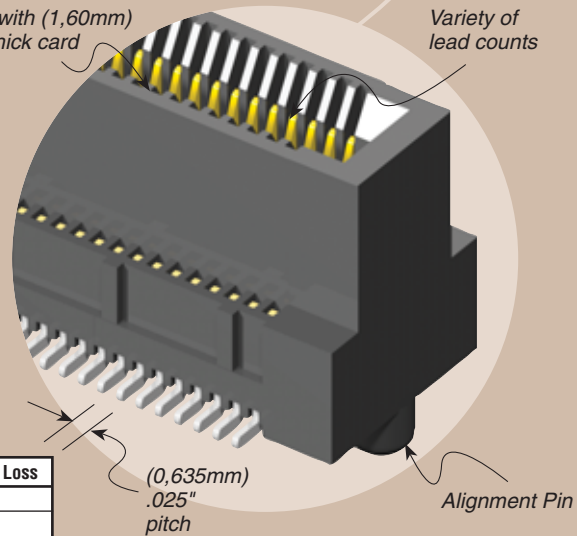
Mates with (1,60mm) .062" thick card

Variety of lead counts

## 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

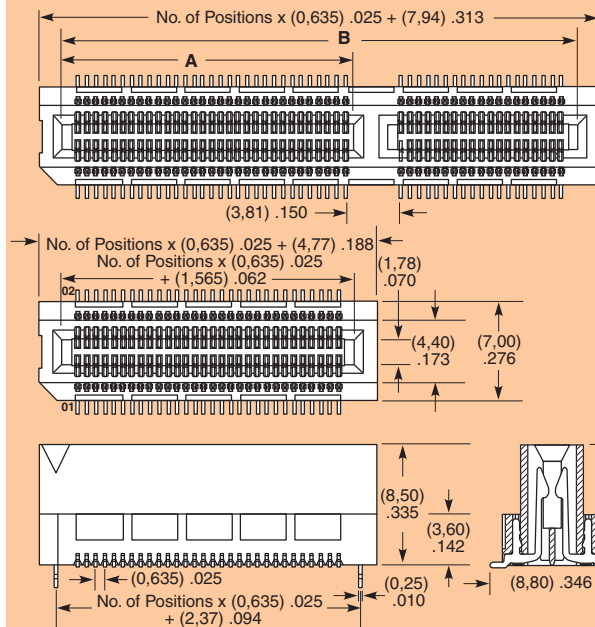


10, 20, 30, 40, 50, 60, 70

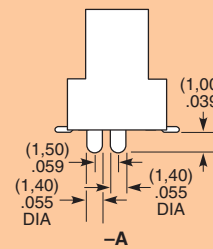
**-L**  
= 10µ" (0,25µm) Gold on contact, Matte Tin on tail

**-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.

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