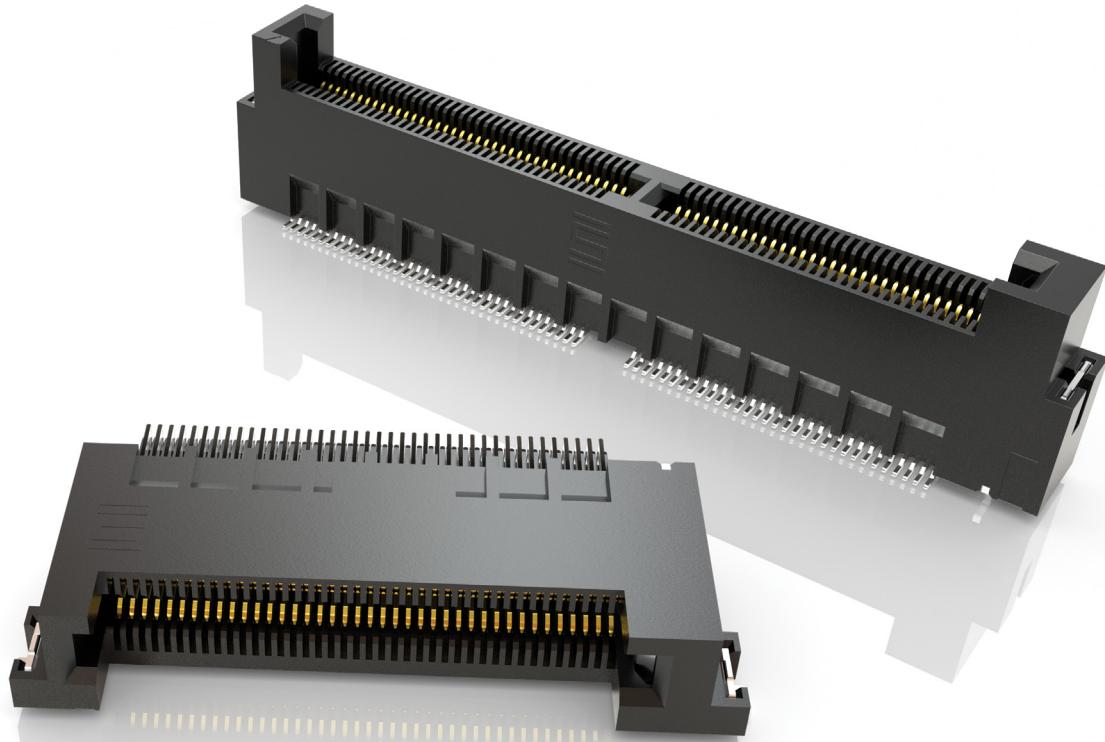


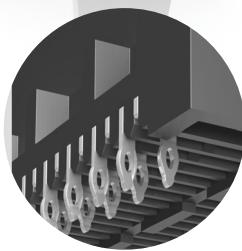
# MICRO EDGE CARD SYSTEMS

0.50 mm, 0.635 mm, 0.80 mm, 1.00 mm, 1.27 mm, 2.00 mm PITCH

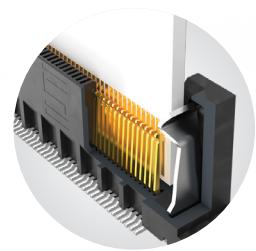


## FEATURES & BENEFITS

- Up to 56 Gbps PAM4
- PCI Express® 4.0 (MEC5 Series)
- Solutions for (1.60 mm) .062" and (2.36 mm) .093" thick cards
- Choice of pitch: 0.50 mm, 0.635 mm, 0.80 mm, 1.00 mm, 1.27 mm, 2.00 mm
- Vertical, right-angle and edge mount orientations
- Available in surface mount and through-hole



Staggered press-fit tails  
(MEC8-VP)



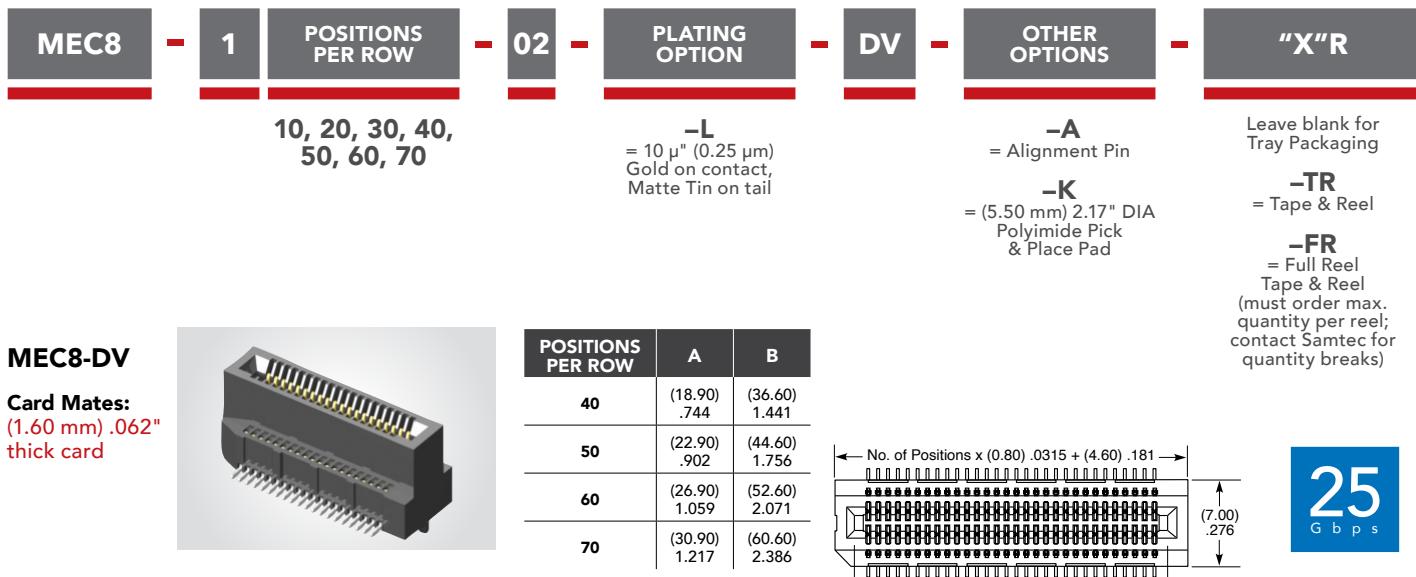
Justification beam ensures  
card and body are flush  
(MEC5)

## KEY SPECIFICATIONS

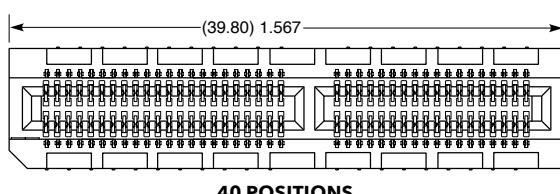
Series	Pitch	Total Positions	Insulator Material	Contact Material	Operating Temp Range	Current Rating	Voltage Rating	Lead-Free Solderable
MEC5	0.50 mm	60-200	Black LCP	Phosphor Bronze	-55 °C to +125 °C	1.5 A (2 pins)	125 VAC/177 VDC	Yes
MEC6	0.635 mm	20-140	Black LCP	Phosphor Bronze	-55 °C to +125 °C	2.4 A (2 pins)	185 VAC/262 VDC	Yes
MEC8	0.80 mm	20-140	Black LCP	Phosphor Bronze	-55 °C to +125 °C	2.3 A (2 pins)	180 VAC/255 VDC	Yes
MEC1	1.00 mm	20-140	Black LCP	BeCu	-55 °C to +125 °C	2.2 A (2 pins)	250 VAC/354 VDC	Yes
MECF	1.27 mm	10-100	Black/Natural LCP	BeCu	-55 °C to +125 °C	3.5 A (2 pins)	280 VAC/396 VDC	Yes
MEC2	2.00 mm	10-100	Black/Natural LCP	BeCu	-55 °C to +125 °C	3.5 A (2 pins)	280 VAC/396 VDC	Yes

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**(0.80 mm) .0315" PITCH • VERTICAL AND PRESS-FIT EDGE CARD SOCKET**



View complete specifications at: [samtec.com?MEC8-DV](http://samtec.com?MEC8-DV)



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

View complete specifications at: [samtec.com?MEC8-VP](http://samtec.com?MEC8-VP)