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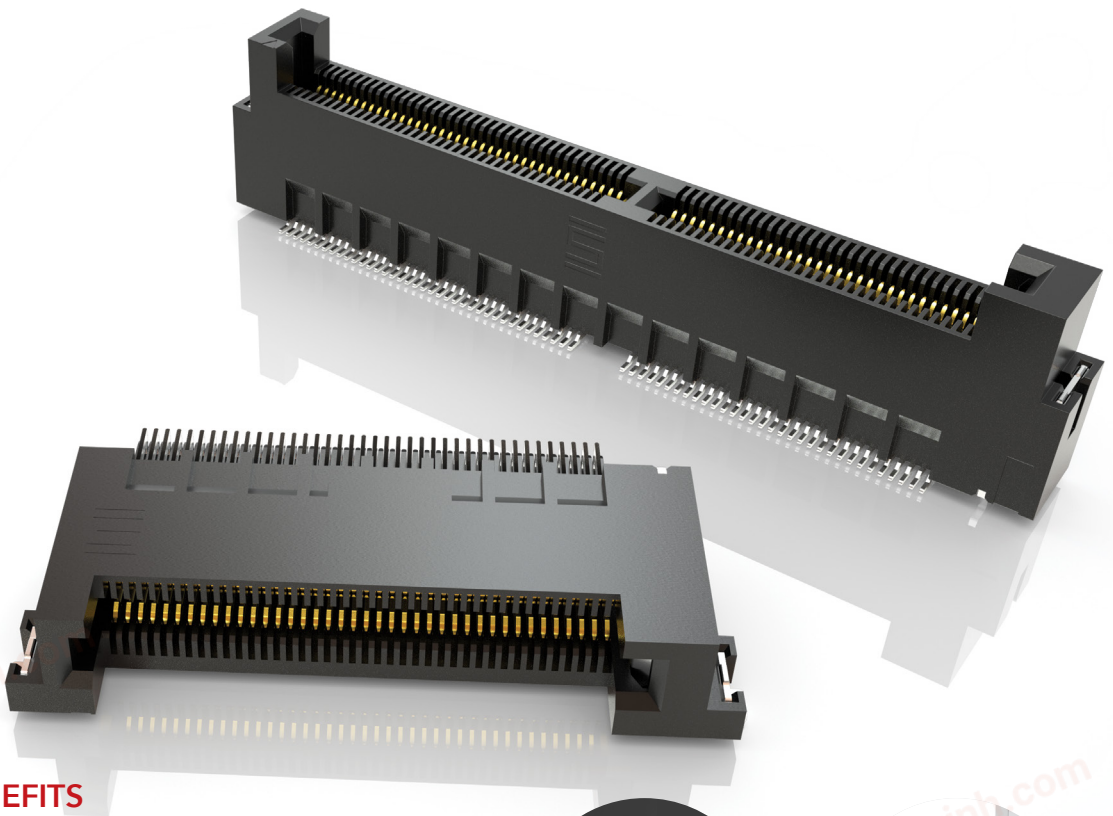
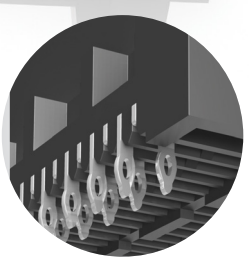
MICRO EDGE CARD SYSTEMS

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

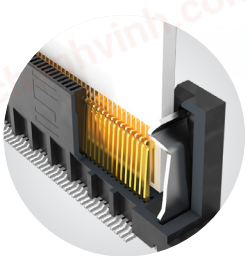


FEATURES & BENEFITS

- 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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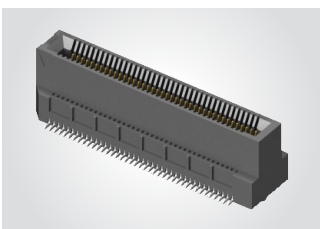
(0.635 mm) .025" PITCH • VERTICAL AND RIGHT-ANGLE EDGE CARD SOCKET

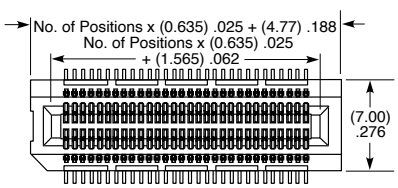
MEC6	-	1	POSITIONS PER ROW	-	02	-	PLATING OPTION	-	DV	-	A	-	OPTION	-	"X"R
			10, 20, 30, 40, 50, 60, 70				–L = 10 µ" (0.25 µm) Gold on contact, Matte Tin on tail						–K = (5.50 mm) 2.17" DIA Polyimide Pick & Place Pad		Leave blank for Tray Packaging –TR = Tape & Reel –FR = Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks)

MEC6-DV

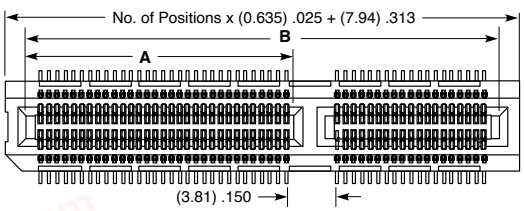
Card Mates:
(1.60 mm) .062" thick card



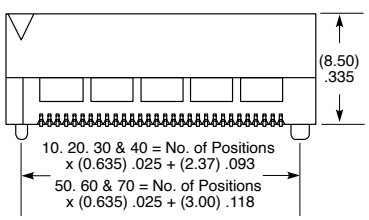
POSITIONS PER ROW	A	B
50	(21.06) .829	(36.49) 1.437
60	(24.87) .979	(42.84) 1.687
70	(28.68) 1.129	(49.19) 1.937

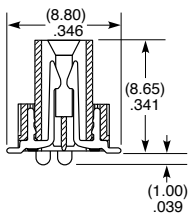


10, 20, 30 & 40 POSITIONS



50, 60 & 70 POSITIONS



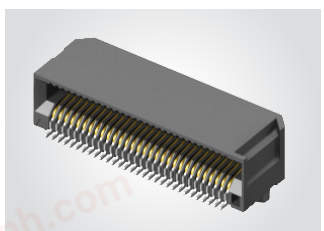


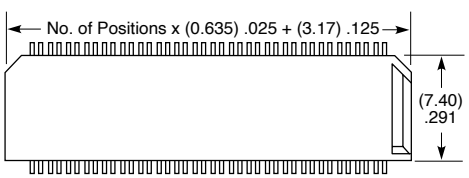
View complete specifications at: samtec.com?MEC6-DV

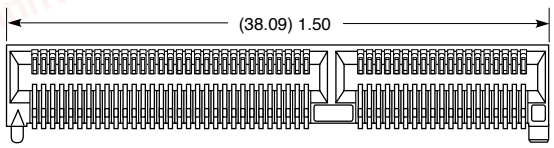
MEC6	-	1	POSITIONS PER ROW	-	02	-	PLATING OPTION	-	D	-	TAIL	-	OPTIONS
			10, 20, 30, 40, 50				–L = 10 µ" (0.25 µm) Gold on contact, Matte Tin on tail				–RA1 = Right-angle		–TR = Tape & Reel –FR = Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks)

MEC6-RA

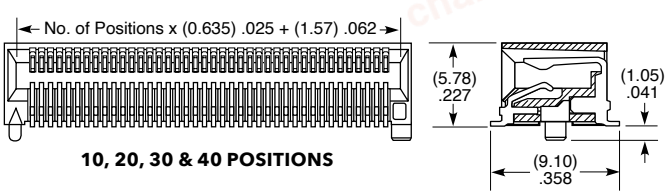
Card Mates:
(1.60 mm) .062" thick card







50 POSITIONS



10, 20, 30 & 40 POSITIONS

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

View complete specifications at: samtec.com?MEC6-RA

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