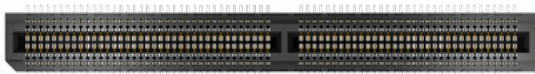




ULTRA-FINE PITCH, HIGH-DENSITY EDGE CARD

0.50 mm PITCH MICRO EDGE CARD SOCKET

- Industry's first 0.50 mm pitch edge card with justification beam that enables use of standard board tolerance for lower costs and decreases mating tolerance by 50%
- Up to 200 total I/Os
- Rated at 16 Gbps performance
- PCIe® Gen 4 compliant
- Vertical and right-angle designs for parallel and perpendicular board mating
- Standard alignment pins and card polarization
- Mates with .062" (1.60 mm) thick cards
- RoHS compliant
- Lead-free solderable



0.80 mm pitch, 70 total positions (MEC8 Series)



0.50 mm pitch, 70 total positions (MEC5 Series)

Up to 200 I/Os
for high-density
applications

MEC5
Right-angle

MEC5
Vertical

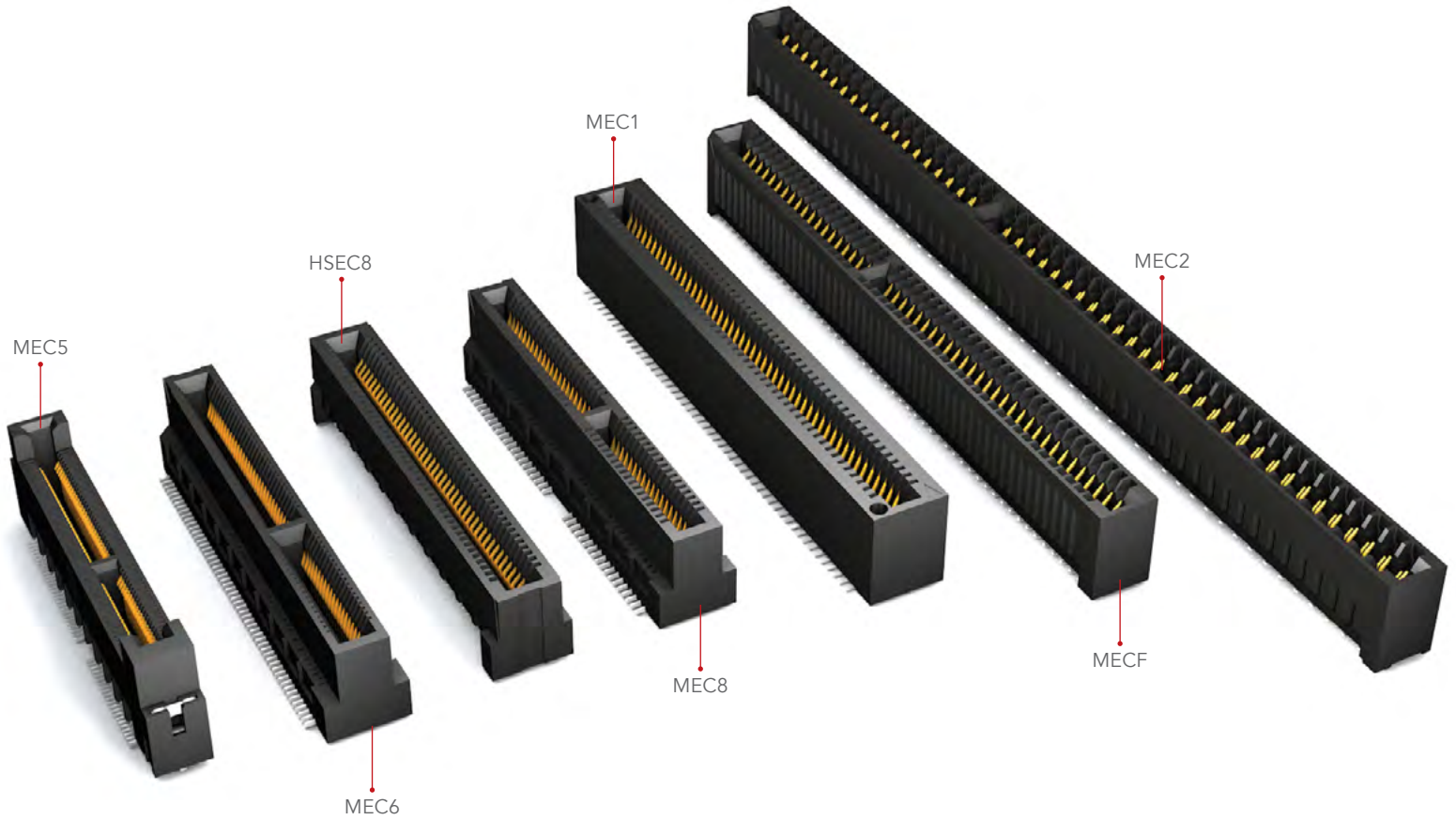
0.50 mm
ultra-fine pitch

System

- **MEC5-DV** – 0.50 mm Pitch High-density Edge Card
- **MEC5-RA** – Right-angle, 0.50 mm Pitch High-density Edge Card

For more Edge Card solutions, please visit www.samtec.com/edgecard

EDGE CARD PRODUCT SOLUTIONS



Series	MEC5	MEC6	HSEC8	MEC8	MEC1	MECF	MEC2
Pitch	0.50 mm	0.635 mm	0.80 mm	0.80 mm	1.00 mm	1.27 mm	2.00 mm
Total Pin Counts	Up to 200 I/Os	Up to 140 I/Os	Up to 200 I/Os	Up to 140 I/Os	Up to 140 I/Os	Up to 100 I/Os	Up to 100 I/Os
Performance	16 Gbps	15 Gbps	34 Gbps	19 Gbps	13 Gbps	29 Gbps	29 Gbps
Notes	Smallest pitch	Vertical and Right-angle	Highest speed and durability	Press-fit tail option	Variety of orientations	Optional weld tabs	Redundant beams

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