



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 300 total I/Os
- 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



0.50 mm pitch, 140 total positions (MEC5 Series)



0.80 mm pitch, 140 total positions (MEC8 Series)

PAM 4

56
G b p s

Up to 300 I/Os
for high-density
applications

MEC5
Right-angle

0.50 mm
ultra-fine pitch

MEC5
Vertical

Justification
beam ensures
card and body
are flush

System

- **MEC5-DV** – Vertical, 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