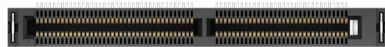




# ULTRA-FINE PITCH, HIGH-DENSITY EDGE CARD

## 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® 4.0 compatible
- Vertical and right-angle designs for parallel and perpendicular board mating
- Standard alignment pins and card polarization; optional weld tabs
- Mates with .062" (1.60 mm) thick cards
- RoHS compliant
- Lead-free solderable



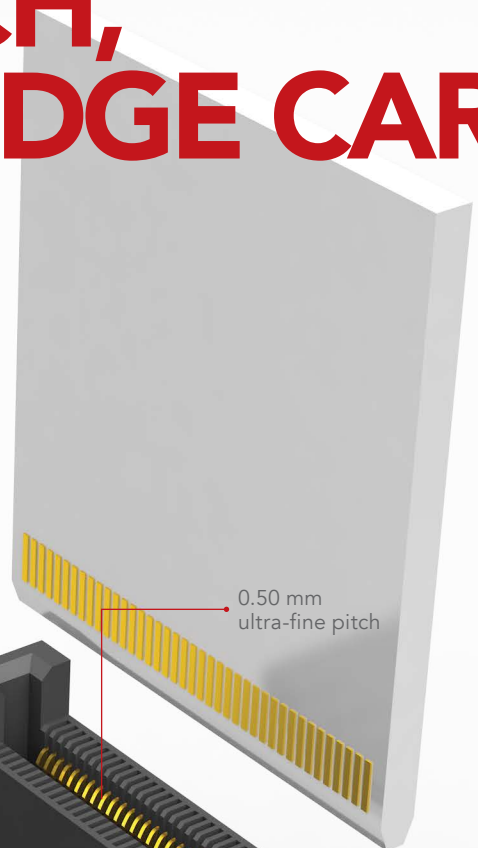
0.50 mm pitch, 140 total positions (MEC5 Series)



0.80 mm pitch, 140 total positions (MEC8 Series)

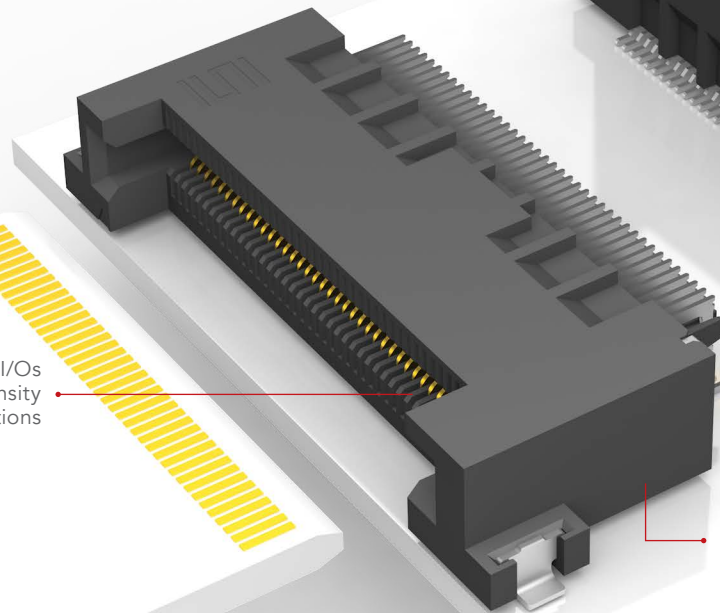
PAM 4

56  
G b p s



0.50 mm  
ultra-fine pitch

MEC5-DV  
Vertical



Up to 300 I/Os  
for high-density  
applications

MEC5-RA  
Right-angle



Justification  
beam ensures  
card and body  
are flush

### System

- **MEC5-DV** – Vertical, 0.50 mm (1.27 mm) Pitch High-density Edge Card
- **MEC5-RA** – Right-angle, 0.50 mm (1.27 mm) Pitch High-density Edge Card

For more Edge Card solutions, please visit [www.samtec.com/edgecard](http://www.samtec.com/edgecard)