

## Molex

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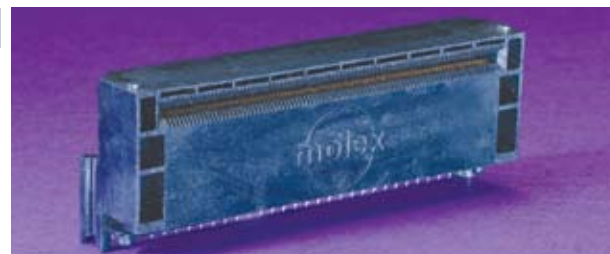
### AdvancedMC B+

AdvancedMC™ B+ connectors from Molex support the next generation of mezzanine card standards and speeds of 12.5 Gbps.

These 170-circuit connectors support the AdvancedMC base specification as developed by PICMG. Molex AMC.0 B+ connectors feature controlled impedance and reduced crosstalk, plus a footprint launch optimized for high-speed data rates. The design enables the connector to achieve 12.5 Gbps signal transmission.

This enhanced footprint further reduces crosstalk by managing inter-pair affinity and incorporating additional ground vias for isolation, resulting in crosstalk of less than 3% at 12.5 Gbps.

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one company › a world of innovation



### FEATURES

- ✦ B+ style connector meets PICMG AdvancedMC™ specification and industry-standard requirements
- ✦ Controlled impedance and reduced crosstalk
- ✦ Press-fit contacts for simpler application to PCB and superior signal integrity
- ✦ Footprint launch optimized for high-speed data rates
- ✦ Design enables 12.5 Gbps signal transmission
- ✦ Crosstalk of less than 3%, with adjacent Tx and Rx