

High Speed Board To Board Connector

Market and Applications

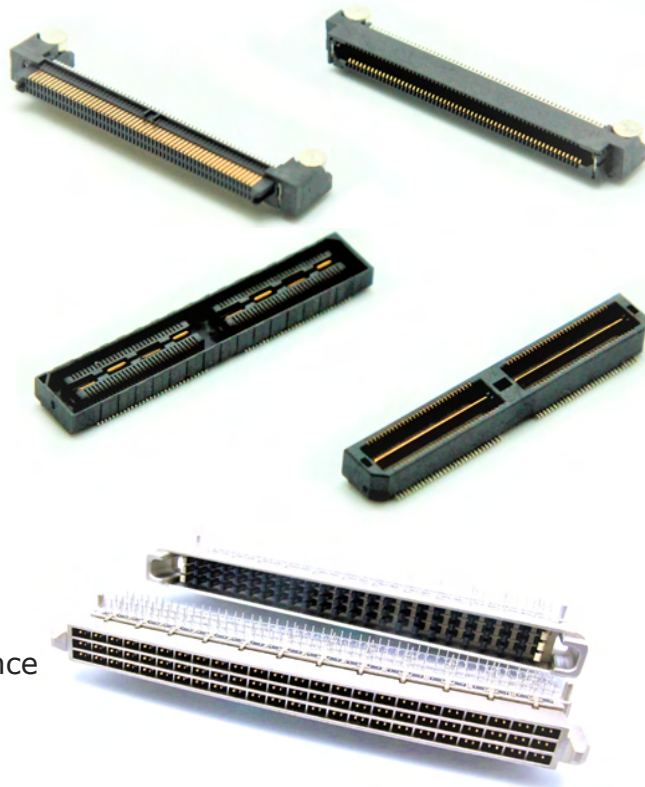
- Servers and storage Rack
- Workstation , Switch , Router
- Embedded Board , Industrial PC
- Test and Measurement

Product Series

- Pitch : 0.5 / 0.8 / 1.0 mm
- Positions :
 - Vertical : 20~300 Position
 - Right Angle : 120 Position
- Mated Height : 5.0~25.0mm

Features and Benefits

- Transmission performance Up to 56 Gbps
- Contacts optimized for signal integrity performance
- Technical information material
 - Signal Contact Base Metal: Copper alloy
 - Contact Area Finish: Gold over nickel
 - Housing: High temperature thermoplastic
- Stack Height: 5.0~25mm (Please contact us for various mated heights)



Part Number	Pitch (mm)	Connecting Style	Number of Positions	Pin Type	Features
803HC84A-xxMC2DP1NxxTx (M) 803HC84A-xxFC2DP1NxxTx (F)	0.5	Vertical	120 · 180 · 300	SMD	Mated Height : 5.0mm Speed : 18 Gpbs@-3dB
803HC81-xxCxxDPxT-M (M) 803HC82-xxCxxDPxT-M (F)	0.8	Vertical	60 · 80 · 100 · 140	SMD	Mated Height : 5.0~12.0mm Speed : 14 Gpbs@-3dB
803HC84-80MC2DP1NxxTS (M) 803HC84-80FC2DP1NxxTS (F)	0.8	Vertical	80	SMD	Mated Height : 5.0mm Speed : 28 Gpbs@-3dB
80337-80MC2DP1T-S (M) 80337-80FC2DP1T-S (F)	0.8	Vertical	80	SMD	Mated Height : 10.0~25.0mm Speed : 56 Gpbs@-3dB
803HC86-12X60C3D1xMLT-S (M) 803HC86-42X60C3D1MNGT-x (F)	0.8	Right Angle	120	SMD	Mated Height : 6.25mm Speed : 26 Gpbs@-3dB
803HC86-32X60C3D1MLT-S (M) 803HC86-22X60C3D1LT-S (F)	0.8	Vertical	120	SMD	Mated Height : 7.0mm Speed : 40 Gpbs@-3dB
803HC86-32X40C3D1LT-S (M) 803HC86-22X40C3D1LT-S (F)	0.8	Vertical	80	SMD	Mated Height : 7.0mm Speed : 40 Gpbs@-3dB
80349-xxGxxDxDxTx-x (M) 80348-xxGxxDxDxTx-x (F)	1.0	Vertical	20 · 30 · 34 · 40 · 64 · 80	SMD	Mated Height : 8.0~15.0mm Speed : 18 Gpbs@-3dB
803HC04-31A72CB30PA (M) 803HC04-32A72CB30PA (F)	1.5	Right Angle	72	DIP	Mated Height : 9.98mm Speed : 10 Gpbs@-3dB

*(M)=Male (F)=Female