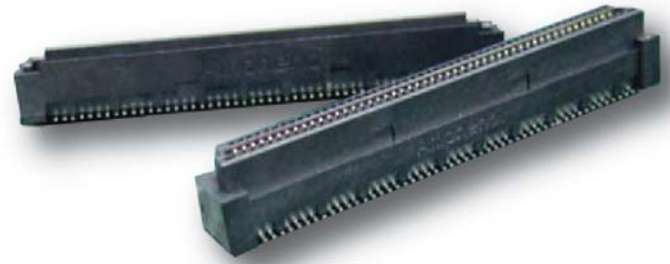


Board to Board

Amphenol
Commercial Products



Features:

- Strong signal integrity support.
- High contact force ensures mating reliability.
- Polarization key at pin edge.
- Robust mating providing strong connection.
- Optimized high speed performance at all stacking height can meet SAS, SAS-3, 12 GT/s and is in process in SAS-4, 24 GT/s, electrical requirements.
- 8, 15, 30 u" gold plating improves contact resistance, and prevents corrosion.
- Caps & mylar options are available. Positioning bosses for correct board orientation.
- 0.8mm BTB connectors at all stacking heights can meet the PCI Express GEN3, 8GT/s & GEN4, 16GT/s, electrical requirements.

Overview:

Amphenol's High-Speed Board to Board connectors provide high contact force reliability ensuring strong connectivity, forced insertions, and removals. Design flexibility enables 13 types of stack heights, with 20 to 200 position options available for high density applications.



Applications:

- High end computers
- Test card and card extenders
- Routers
- Servers
- IP phone
- Telecom/Datacom equipment
- Test and Measurement Equipment



To learn more about BTB connectors:

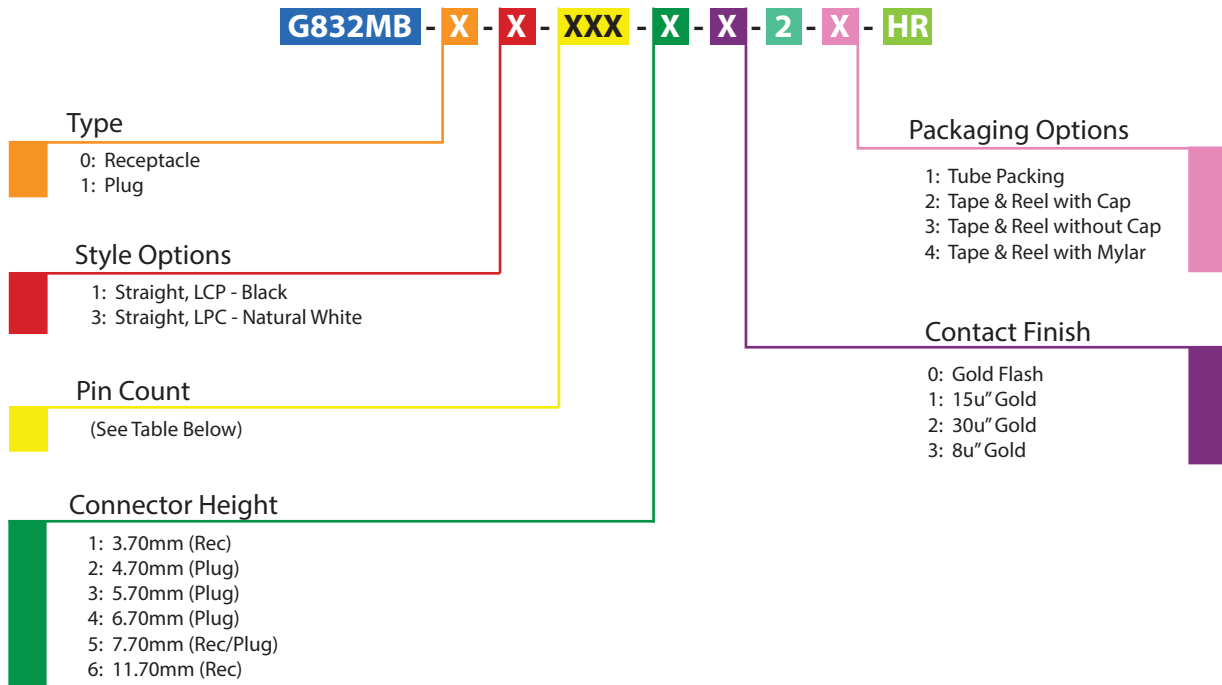
web: amphenolcanada.com

email: sales@amphenolcanada.com

Technical Characteristics:

Material	
Housing	High Temperature Thermoplastic, UL 94V-0, Colour - Optional
Contact	Copper Alloy, 0.15mm Thickness, Selective Gold Plated on Contact Area, 100u" Min. Matte Tin Plated on Soldering Tail, 50u" Min. Nickel Under-Plated Overall
Cap	Stainless Steel, 0.20mm thickness

Ordering Information:



Pin Count												
Receptacle	200	180	160	140	120	100	80	64	60	30	40	20
Plug	200	180	160	140	120	100	80	60	40	20	-----	-----

* Please visit amphenolcanada.com to find drawings for other products in this series.