

PowerWize BMI

My design has unique space constraints that limit the height that the receptacle assembly can extend above the surface of my printed circuit board (or busbar). What is the mated height of the PowerWize BMI solution?

The nominal mated height of the 3.40mm PowerWize BMI solution is 17.45mm. For the 6.00mm PowerWize BMI solution, the mated height is 22.10mm, while for the 8.00mm PowerWize BMI solution, the mated height is 24.10mm.

How are the PowerWize BMI components packaged?

The receptacle housings and their TPA retainers are bag-packed into cartons. The crimp contacts and headers are tray-packed inside of cartons.

I am interested in purchasing a cable assembly with PowerWize BMI connectors on both ends, rather than buying individual PowerWize BMI receptacle housings, TPA retainers and crimp contacts. Is Molex able to design and build double-ended PowerWize BMI cable assemblies?

Yes. Molex has a business segment that designs and builds cable assemblies. Contact your local Molex sales representative for details.

I am interested in purchasing a cable assembly with a PowerWize BMI connector on one end and a non-Molex connector on the other end. Is Molex able to design and build cable assemblies with a PowerWize BMI receptacle housing on one end and a competitor's connector on the other end?

Yes. While we love it when both ends of a cable assembly use Molex connectors, we understand that is not always the best solution. Molex has a business segment that designs and builds cable assemblies with a PowerWize BMI connector on one end and another manufacturer's connector on the other end. Contact your local Molex sales representative for details.