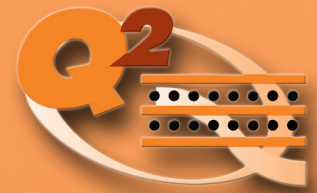
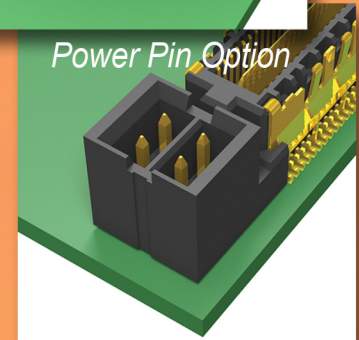
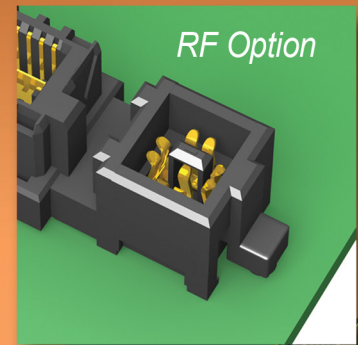
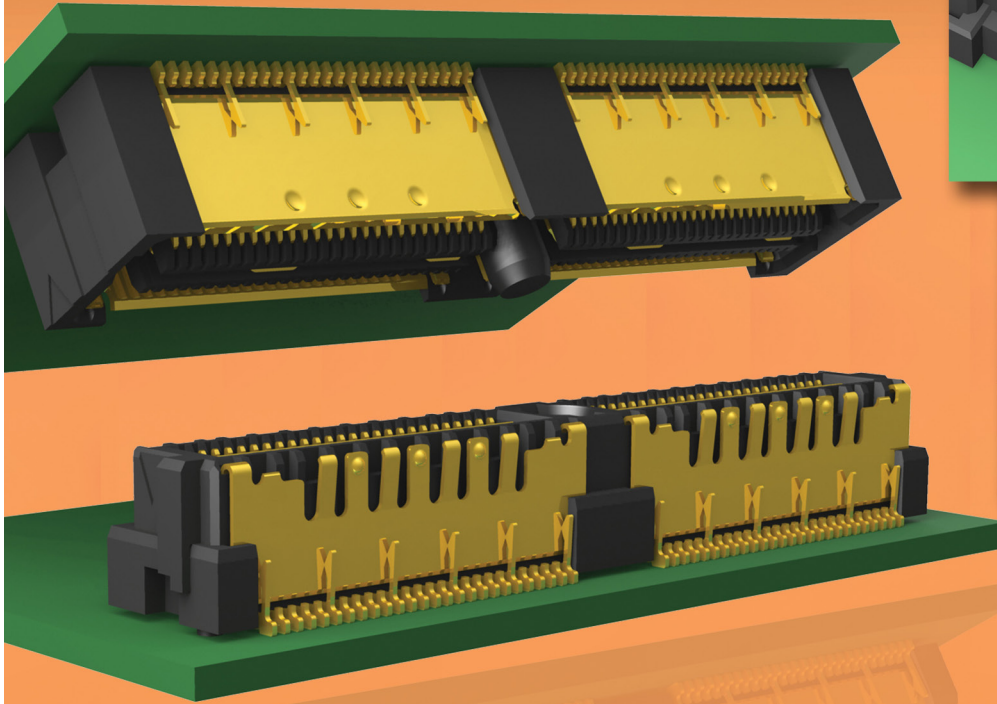


Q2™ Shielded Connector System



For High Speed and Micro Rugged Applications

Samtec's Q2™ shielded connector system, the .025" (.635mm) pitch [QMSS/QFSS](#) Series, provides EMI suppression by incorporating shield plates for termination to the PCB via selected signal pins. The integral power/ground plane is rated for up to 9.2 amps at 95°C; and standard shield grounding is GSSSSG.

Both single-ended and differential pair versions are standard with total pin counts up to 208 for single-ended and 128 for differential pair configurations. Signal performance is 6 GHz with single-ended and 7.5 GHz with differential routing. Other signal/ground configurations are available as application specific options.

The connectors are polarized to assure proper mating and are available in a 11mm stack height. In addition to vertical mating, right angle, edge mount, power combo, and non-shielded versions are also available.

Dual stage hot pluggability (shields and ground planes mate first followed by the signal pins) is standard with triple stage hot pluggability (accomplished by reducing the height of selected signal pins) and is available as an application specific option.

A choice of RF, power, retention pins, guide posts, solder clips, shielding, and cable assemblies are also available.

