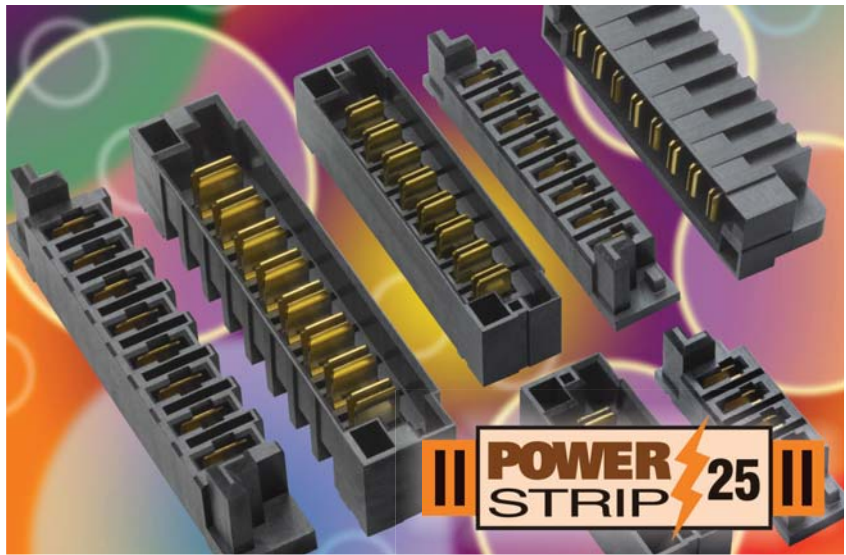


SAMTEC POWER INTERCONNECTS

Power Strip 25 is a small pitch, high power system for Power-to-Board applications, rated at 25 amps per contact, and up to eight power pins on .200" (5,08mm) pitch. Power Strip 25 is the Samtec [MPT](#), [MPS](#) Series.

Samtec's high power interconnects also include a full line of Board-to-Board products, combination Power/Signal combo systems, rugged Sealed Circular systems, polarized Discrete Wire systems with latching features, and Isolated Power interconnects.

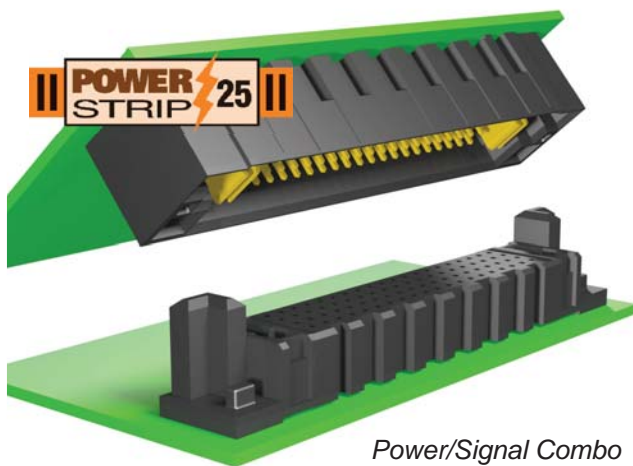


MPT/MPS Series is capable of 25+ amps per contact

Power Strip 25: [MPT](#), [MPS](#) Series

- Up to 8 power pins
- .200" (5,08mm) pitch
- Rated at 25 amps per contact or more
- Vertical headers and sockets
- Right angle headers (for 90° applications)
- 14mm stack height

with each power pin capable of 25 amps. MPTC, MPSC is offered in both vertical and right angle orientations with an optional locking clip.

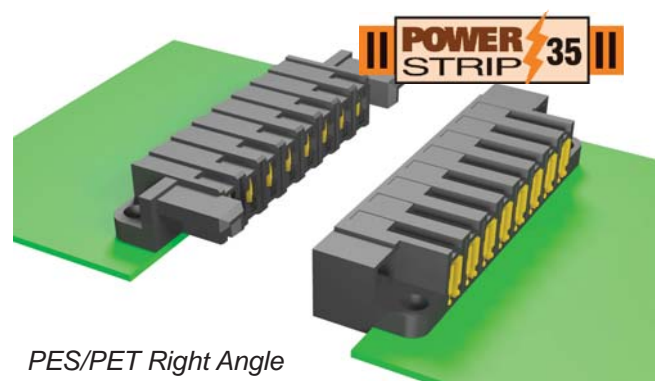


Power/Signal Combo

- Locking clips available
- Smaller guide posts and a discrete wire system are currently in design
- Hinged Power Strip 25 is in design to allow odd mating angles
- The [MPTC](#), [MPSC](#) Power/Signal Combo interconnect system offers the versatility of having 80 signal pins plus power pins. Both two and four power pin options are available

Power Strip 35: [PET](#), [PES](#) Series

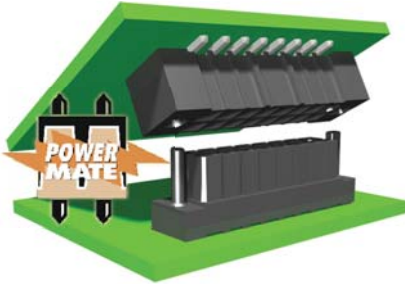
- Ideal for rugged, high power applications
- 35 amps per contact
- 19mm stack height
- .250" (6,35mm) pitch
- Vertical and right angle configurations
- Two, four, six, or eight pins
- The [PETC](#), [PESC](#) Series is a power signal combo interconnect system that is rated at 35 amps per power contact with 2.9 amps per signal contact
- PETC, PESC is on .250" (6,35mm) pitch for power pins and .100" (2,54mm) pitch for the signal pins.



PES/PET Right Angle

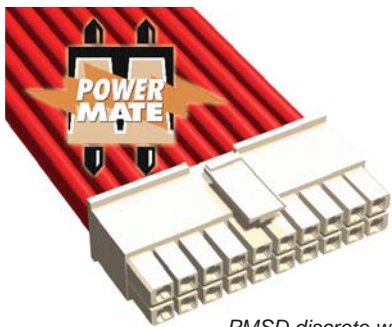
Power Mate™: [IPBT](#), [IPBS](#) Series

- Isolated contacts for power and signal transfer in Board-to-Board and Wire-to-Board applications.



Robust IPBT/IPBS Series

- Rated at 5.5 amps per contact
- .126" (4,19mm) pitch Board-to-Board
- Cable-to-Board system
- Available in single and double row
- Robust [IPBS](#), [IPBT](#) Series available for isolated connection in both parallel and perpendicular applications
- 15,25mm, 17mm, 19mm, 20mm, and 25mm stack heights that complement like stack heights in the Q Series®, RiseUp®, and SEARAY™ Series
- [PMSD](#), [PMSS](#) discrete wire socket also available to mate with the IPBT

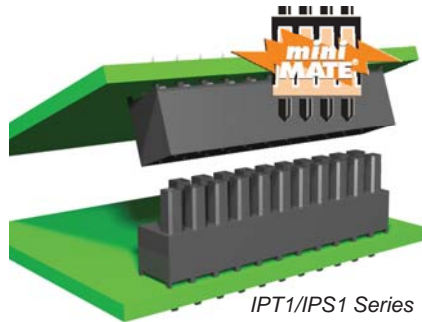


PMSD discrete wire

- Metal latching system is in design and will be released in the coming months

Mini Mate®: [IPT1](#), [IPS1](#) Series

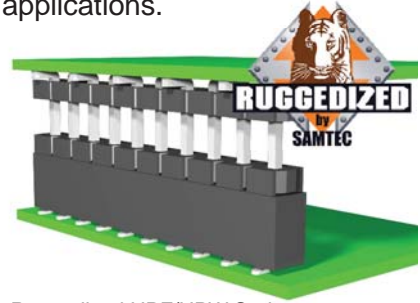
- .100" (2,54mm) pitch Board-to-Board
- Cable-to-Board system
- Available in single and double row
- Rated at 3.6 amps per contact
- For Cable-to-Board applications, the [MMSD](#), [MMSS](#) Series mates to [IPL1](#) Series
- Available with a variety of standard and custom pinouts using 20 AWG to 30 AWG cable



IPT1/IPS1 Series

- Available in through-hole and surface mount orientations

Board Stackers: Samtec also provides board stackers, edge card connectors, Power/Signal combinations, and one piece interfaces for Power applications.



Ruggedized HPF/HPW Series

- [FWJ/HFWJ/JW/FHP](#), [FWS/HFWS/SW/PSS](#), and [HPM/HPW/HPF](#) are all Power headers and sockets
- [HPFC/HPMC](#) and [PCS2/PCT2](#), are Board-to-Board connectors with a Power/Signal combination
- Samtec's [PEC](#) Series is a Power Edge card connector
- The [OPP](#) Series is Samtec's One Piece Power interface



Sealed circular cable system rated at 2.7 amps per contact

Acclimate™: The [SCP1](#), [SCR1](#) is a sealed circular cable system that is rated at 2.7 amps per contact. The cable system is IP68 rated and is designed to perform in harsh environments. The SCP1, SCR1 incorporates 16 pins

and is available as a standard in a variety of cable lengths. For a higher density sealed circular system, the [SCP2](#), [SCR2](#) system is available in 10 and 32 positions and features Samtec's rugged Tiger Eye™ contact.