

ENGINEERING SOLUTIONS

www.palpilot.com
contact@palpilot.com



NORTHERN CA OFFICE
500 Yosemite Drive
Milpitas, CA 95035
+1 408 855 8866

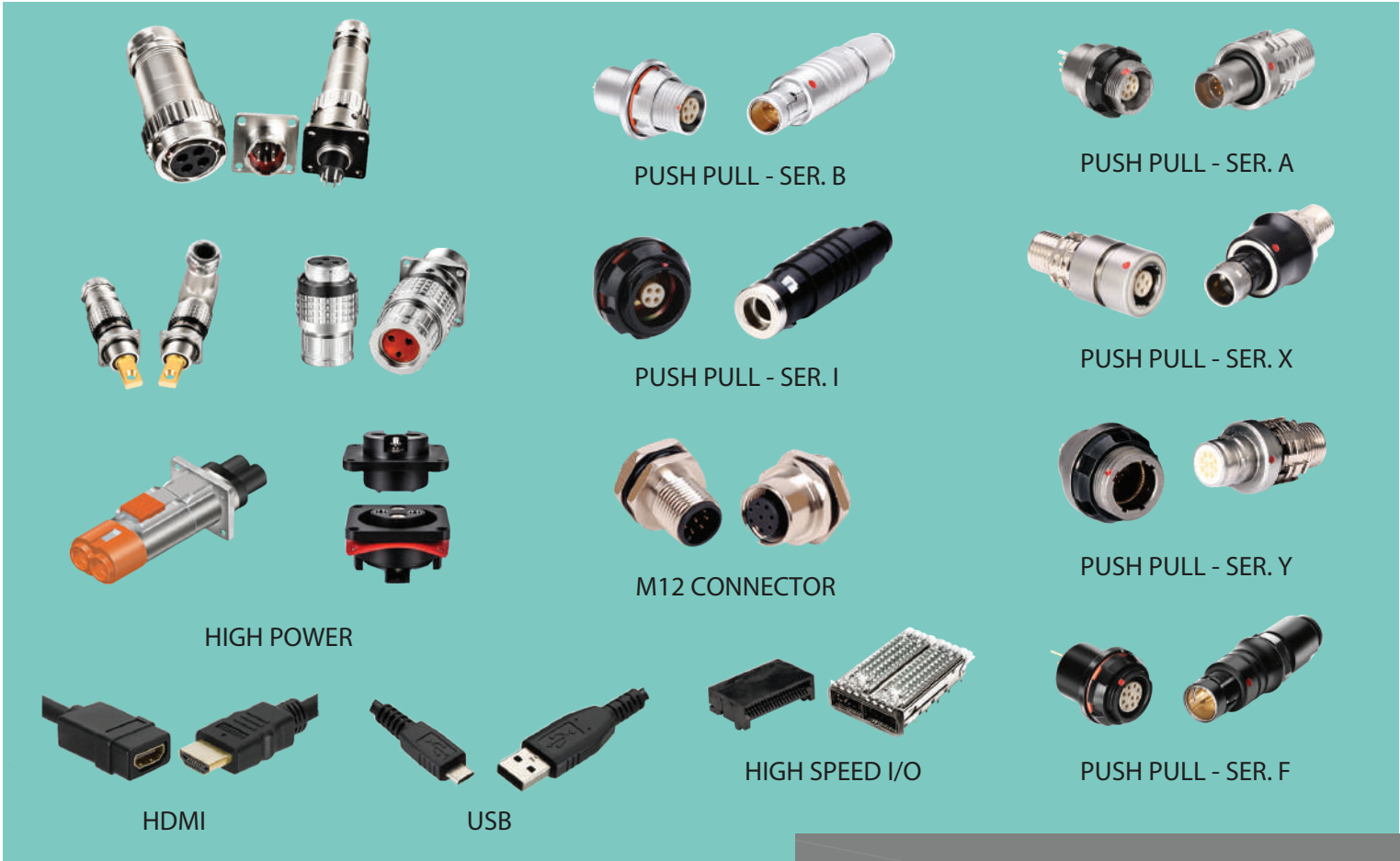
SOUTHERN CA OFFICE
15991 Red Hill Ave. #102
Tustin, CA 92780
+1 714 460 0718

EUROPE OFFICE
Unit C, 1-3 Acre Road
Reading, United Kingdom, RG2 0SU
+44(0) 770 304 7259

TAIWAN OFFICE
4th Fl. No. 1, Sec. 1, Dunhua S. Road
Songshan District, Taipei City 10557
+886 913 307 880

CHINA OFFICE
Huilongpu New Industrial Zone
Long Cheng St, Longgang District
Shenzhen City, Guangdong, CN
+886 3509 684565








CIRCULAR CONNECTORS

Our circular connectors range from IP50 - IP68 to low profile, light weight, quick disconnect and pin counts ranging from 2-36 pins. Military connectors that are light weight, IP68 and technology that prevent dirt and debris from entry into contacts that can result in interference. Look for our E-mobile and Industrial connectors which are designed to withstand dynamic environments.



M12 CONNECTORS

PalPilot's M series have a wide range from M12 to M6. A connector designed for industries in lighting, sensors and much more. This series ranges in sizes, shell materials (metal and plastic) and multiple pin counts, IP50 - IP68.



HIGH SPEED I/O

Our elite design team has created a wide range of high speed connectors, cages and cable that include Mini SAS Cable - 6G (SFF-8087), Ext. Mini SAS Cable - 6G (SFF-8088), Int. Mini SAS HD 4i Cable - 12G (SFF-8643), and Ext. Mini SAS HD 4x Cable - 12G (SFF-8644).



CONSUMER CONNECTORS

PalPilot offers HDMI connectors and assemblies along with USB Connectors to assist in connecting devices to external peripherals for a wide range of applications.

CONNECTORS

PalPilot has a long history of manufacturing electrical connectors. Our connectors are designed for Medical, E-mobile, Military, Industrial and Instrumentation. Who better to terminate the connector and cable than PalPilot ! Our custom over molds, and in-house tooling allow us to manufacture assemblies with high mix-low volumes in short delivery times.



PUSH PULL - SER. M

RAW CABLE

PalPilot is a vertically integrated company that extrudes wire and raw cable. Our design team has more than tribal knowledge but experienced design engineers with over 50 years in medical, automotive, industrial, Military expertise. Our engineers are able to assist you with the right design for your application that translate into cost savings, and short deliveries. We pride ourself with high mix and volume manufacturing.

- FLEXIBLE

MIXED AWG

SILICONE
- DUROMETER

CUSTOM COLORS

TWISTED
- SHIELDED

STERILIZABLE

CHEMICAL RESISTANT



TURNKEY ASSEMBLIES

PalPilot customers can utilized our expertise in engineering to assist you in any phase of your design cycle. Legacy or New Product, PalPilot is up to your challenge. With in house tooling, world wide supply chain and a proven track record of cable assemblies and board assemblies PalPilot will take your concept-to-prototype-to-production.

- SINGLE SOURCE

CABLE ASSEMBLY

WIRE HARNESS
- FLEX ASSEMBLY

PCB TERMINATION

CLAM SHELL BOXES
- OVER MOLDS

JUNCTION MOLDS

CUSTOM MOLDS



MEDICAL

Our medical connectors and cables meet all forms of sterilizations as well as a wide range of non magnetic contacts. Whether your application is disposable or re-usable, we'll design and build to meet your needs.



MILITARY

Military products are designed to handle all terrains and withstand the harshest environments. With wipe down contacts and lightweight body our connectors will last. Pair that with no halogen low smoke cable and you have an elite assembly.



INDUSTRIAL

Industrial grade connectors handle the demand: high current, fast speeds, and extreme temperatures. With precision manufacturing our connectors are IP68 and equipped with a variety of locking features to provide security and assurance.