

USB and SATA Connectors

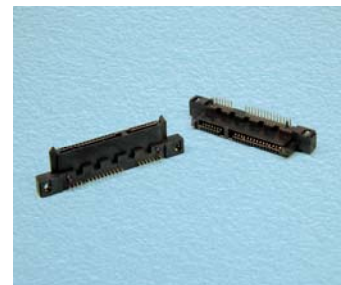
Micro USB



USB



SATA



PalCONN, the Interconnect Division of PalPilot, offers USB and SATA connectors for the consumer industry.

The USB (Universal Serial Bus) specification establishes communication between devices and a host controller. USB 3.0 connectors are backwards compatible to USB2.0/USB1.1 connectors. Type A connectors are used on host devices that supply power and data in a downstream direction, Type B on target devices that receive power from an upstream direction.

PalCONN USB 3.0 Type A, Female, is available in R/A, straight or vertical styles. Also offered is USB 3.0 AF, 09P, DIP Type.

USB Cable Assemblies are available in many connector configurations.

The serial ATA (SATA) computer bus, is a storage-interface for connecting host bus adapters to mass storage devices such as hard disk drives and optical drives.

eSATA provides a variant of SATA meant for external connectivity. It has revised electrical requirements.

SATA and eSATA connectors and Cable Assemblies are available in 7 pin data and 15 pin power configurations.

For standard product details, please refer to online data sheets, or contact PalCONN.



www.palconnusa.com

Applications

PDA's
Smart Phones
Flash Drives
Video Gaming
Mobile Phones
Protocol Analyzers

Data Rates

USB 1.1 12Mbit/s
USB 2.0 480Mbit/s
USB 3.0 4.8Gbit/s
SATA 6.0Gbit/s
eSATA 3.0Gbit/s

USB Connectors

USB Type A
USB Type B
USB Type AB
Mini-USB
Micro-AB

SATA Connectors

SATA
eSATA
Micro SATA

Connector Styles

Through Hole
Surface Mount
Right Angle
Vertical

Connector Specs

UL Approved
RoHS Compliant