USB Type-A Connectors

Stewart Connector's USB 2.0 and USB 3.0 Type-A connectors are designed to meet the ever-growing demand for small yet reliable I/O connectors that comply to Universal Serial Bus standards.

Stewart Connector USB 3.0 connectors are fully backwards compatible with USB 2.0 and 1.0 connectors allowing for re-designs without having to update or change the mating connector. Stewart's line of USB connectors are known for being reliable, robust and versatile for all USB applications.

Features & Benefits

- High temperature plastic material used for reflow or wave soldering
- 30 micro inches of gold on the contacts
- USB 3.0 can deliver 5 Gbit/s and USB 2.0 can achieve 480 Mbit/s
- USB 3.0 can withstand a peak current rating of 1.8 A per contact while USB 2.0 can withstand a peak current rating of 1.5 A per contact
- Operating temperature -55°C to 85°C
- All configurations are shielded
- Stacked, right angle, vertical orientations offered
- Through hole soldering
- Type A receptacle configuration for all USB offerings
- Plug and play capability that allows for hot pluggable insertion and ejection

Applications

- Desktop and Laptop Computers
- Portable Storage Devices
- IoT Applications
- Printers and Scanners
- Audio and Diagnostic Applications
- POS Equipment
- Servers
- Game Ports

Part Number	Connector Type	Ports	Orientation	Termination	Shielded
SS-52100-001	USB 2.0 - A	1	Horizontal	Solder	Yes
SS-52100-002	USB 2.0 - A	1	Vertical	Solder	Yes
SS-52100-003	USB 2.0 - A	2	Horizontal	Solder	Yes
SS-52000-001	USB 3.0 - A	1	Horizontal	Solder	Yes
SS-52000-002	USB 3.0 - A	1	Horizontal	Solder	Yes
SS-52000-003	USB 3.0 - A	2	Horizontal	Solder	Yes
SS-52000-004	USB 3.0 - A	1	Vertical	Solder	Yes

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