

USB CONNECTORS

PRODUCT BULLETIN 528

Single and Dual Stacked USB Connectors

Switchcraft introduces single and dual USB connectors. The USB connectors are fast becoming the industry standard for plug and play connectivity between PCs and their peripherals. The DUSB and USB connectors are RAPC mounted, with kinked terminals for snap-in placement to the PC board. Both meet all Universal Serial Bus standards.

Features and Benefits

- Snap-in terminals facilitate wave soldering
- Shielded for reduced EMI/RFI emissions
- Dual stacked version increases PC board density

Markets

- Personal Computer
- Data Communications
- Medical Equipment
- Test Equipment
- Instrumentation

Specifications

General

Voltage Rating: 30 VAC (rms) Max.
Current Rating: Signal application only,
1A Max. per contact
Contact Resistance: 25m ohms Max. initial
Temperature Rating: 32°F to 104°F
(0°C to 40°C)
Insertion Force: 7.7 lbs Max. (3.5 kg Max.)
Withdrawal Force: 0.8 lb Min. (0.4 kg Min.)
Life: 1500 cycles

Materials

Body: Black, molded thermoplastic, UL 94V-0
Shell: Copper alloy, tin plated
Contact Terminal: Copper alloy, gold plating in
mating area, tin plating on solder tails, all
over nickel plating.

