



SERIES 690



FEATURES

- Compatible with all Windows versions
- 1.2 Mbps communication speed
- Industry Standard plug and play technology
- Complies with USB standard 2.0 and 3.0
- Supports up to 127 Devices
- Single 4 position and dual stacked 8 position available
- Additional shielded versions available with mating face clips and fully enclosed housing for dual port
- Hot pluggable
- Compatible with asynchronous and isochronous data transfer methods
- Consolidated current serial, parallel, keyboard, mouse and game ports as well as digital camera, ISDN & PBX

SPECIFICATIONS

- Insulator material: UL 94V-0 thermoplastic glass Reinforced 30%
- Contact material: Phosphor Bronze
- Contact Plating: gold over nickel on mating area tin on tails
- Shell: Brass with tin plating
- Contact resistance: 25 Milliohms maximum
- Dielectric withstanding voltage: 750V AC
- Insulator resistance: 1000 Megohms minimum
- Operating temperature: -55 to +85 degrees C
- Mating force: 3.5 kg max.
- Unmating force: 1.0 kg min

Example Part Number 690 - 004 - 2 20 - 0 13

Series _____
 Total Number of Contacts _____
 Contact Plating Code _____
 Contact Code _____
 Material _____
 Type Indicator _____

Series 690

Total Number of Contacts

004 Single Port (Type A, Type B, Miniature USB-A)
 005 Single Port (Miniature USB-B, Miniature USB-AB)
 008 Dual Port (Type A, Type B)

Contact Plating Code

2 Gold Flash
 3 15u" Gold
 6 30u" Gold

Contact Code

20 Right Angle PCB (.390 footprint)
 21 Right Angle PCB (.405 footprint)
 22 Right Angle PCB (.147 footprint)
 23 LG. Right Angle PCB (.114 footprint) Thru Hole Type
 24 Vertical With Solder Pad Thru Hole Type
 60 Vertical PCB
 61 Right Angle PCB (Upright) (Type A)
 95 Right Angle Surface Mount with Metal Mounting Angles
 96 Right Angle Surface Mount and PCB with Metal Post (2)

Material

0 Thermoplastic Black
 1 PA9T Black
 2 LCP White

Type Indicator

12 HDMI-A (DIP)
 13 Type "A"
 23 Type "B"
 33 Miniature USB-A
 43 Miniature USB-B
 53 Miniature USB-AB
 63 Miniature Display Port
 73 E-SATA 7P Male
 83 Micro USB-AB
 84 Micro USB 3.0