

# EDAC USB 3.0 Connectors

## Technical Information

### USB A 90° Boardmount Through Hole Receptacle

#### Electrical

- Current rating: 1 A 30VDC
- Insulation Resistance: 100MΩ Minimum
- Contact Resistance: 50mΩ Maximum
- DWV: 100VAC
- Operating Temperature: -30°C to 85°C

#### Materials

- Insulator: PBT, UL94V0, Blue (Pantone 300C)
- Shell: Brass Nickel Plated
- Contacts: Phosphor Bronze (15u" or 30u" Gold on active, Tin over Nickel on tail)

#### Other

- Packaging: Tape & Reel (350pcs) or Tray (100pcs)
- Insertion Force: 35N Max.
- Extraction Force: 10N Min.



### USB B 90° Boardmount Through Hole Receptacle

#### Electrical

- Current rating: 1 A 30VDC
- Insulation Resistance: 100MΩ Minimum
- Contact Resistance: 30mΩ Maximum
- DWV: 500VAC
- Operating Temperature: -50°C to 105°C

#### Materials

- Insulator: PBT, UL94V0, Black
- Shell: Copper Alloy Nickel Plated
- Contacts: Copper Alloy (15u" or 30u" Gold on active, Tin over Nickel on tail)

#### Other

- Packaging: Tape & Reel (200pcs) or Tray (50pcs)
- Insertion Force: 35N Max.
- Extraction Force: 10N Min.



### USB B Micro Boardmount SMT Receptacle

#### Electrical

- Current rating: Pins 1 & 5 1.8A, Signal 1A, Others 0.25A @ 30VDC
- Insulation Resistance: 100MΩ Minimum
- Contact Resistance: 30mΩ Maximum
- DWV: 100VAC
- Operating Temperature: -20°C to 85°C

#### Materials

- Insulator: LCP, UL94V0, Black
- Shell: Stainless Steel
- Contacts: Copper Alloy (30u" Gold on active, Gold Flash over Nickel on tail)

#### Other

- Packaging: Tape & Reel (1500pcs)
- Insertion Force: 35N Max.
- Extraction Force: 8N Min.



All Materials RoHS Compliant

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