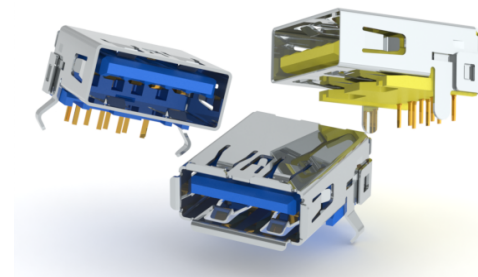


## USB 3.0 TYPE-A RECEPTACLES - RIGHT ANGLE PCB

### Features:

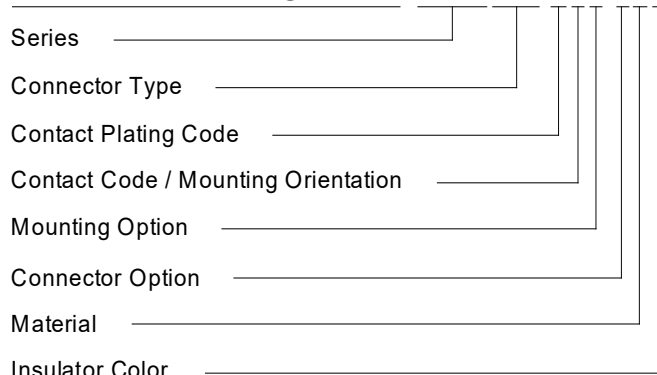
- Up to 5 Gbps communication speed for standard USB 3.0
- Industry standard plug and play technology - 'Hot Pluggable'
- Compatible with synchronous and asynchronous data transfer
- Data and power combined in one small package
- RoHS compliant



### Specifications:

Insulator Material	Thermoplastic UL-94V-0
Contact Material	Copper alloy
Contact Plating	Nickel under plating with Gold plating on contact areas and Tin plating on tails
Shell Material	Brass with Nickel plating
Insertion Force	35N maximum
Withdrawal Force	10N minimum

### EXAMPLE PART NUMBER: 690B109-223-222



#### Series:

690B Receptacle

#### Connector Type:

109 USB 3.0 Type-A Tab Up  
509 USB 3.0 Type-A Tab Down \*\*

#### Contact Plating:

1 2μ" ~ 5μ" Gold  
2 Gold Flash  
3 5μ" ~ 10μ" Gold  
5 15μ" Gold  
6 30μ" Gold

#### Ordering Code Notes:

Options marked \*\* are only available in part number - 690B509-221-226

Not all part numbers deriving from this ordering guide will be available.

Some may be available upon request. Please first consult the website, if the connector is not readily available then please contact EDAC's customer service for further inquiries.

#### Contact Code / Mounting Orientation:

2 Right Angle PCB (Parallel to PCB)

#### Mounting Option:

1 2 Through Hole Grounding Tabs \*\*  
3 2 Metal Board Locks

#### Connector Option:

0 Tabs on Leading Edge of Shell  
2 No Tabs on Leading Edge of Shell

#### Material:

1 LCP - (Not available with Connector Option 2)  
2 PBT

#### Insulator Color:

2 Blue  
6 Yellow \*\*