690P SERIES

USB TYPE-B RECEPTACLES - RIGHT ANGLE PCB

Features:

- **Up to 480 Mbps communication speed for standard USB 2.0**
- **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: 690P209-523-022

- Series
- Connector Type
- Contact Plating Code
- Contact Code / Mounting Orientation
- Mounting Option
- Connector Option
- Material
- Insulator Color

Series:

690P	Receptacle

Connector Type:

204	USB 2.0 Type-B
209	USB 3.0 Type-B

Contact Plating:

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

Contact Code / Mounting Orientation:

2	Right Angle PCB

Mounting Option:

3	2 Metal Board Locks - Spring Type
C	2 Metal Board Locks - Alternate Design

Connector Option:

0	Tabs on Leading Edge - (Connector Type 209 Only)
2	No Tabs on Leading Edge - (Connector Type 204 Only)

Material:

1	LCP *
2	PBT

Insulator Color:

0	White / Natural - (Connector Type 204 Only)
1	Black
2	Blue - (Connector Type 209 Only)

Ordering Code Notes:
Options marked * are limited availability.

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.