690N SERIES

USB TYPE-A RECEPTACLES - DUAL STACK

Features:
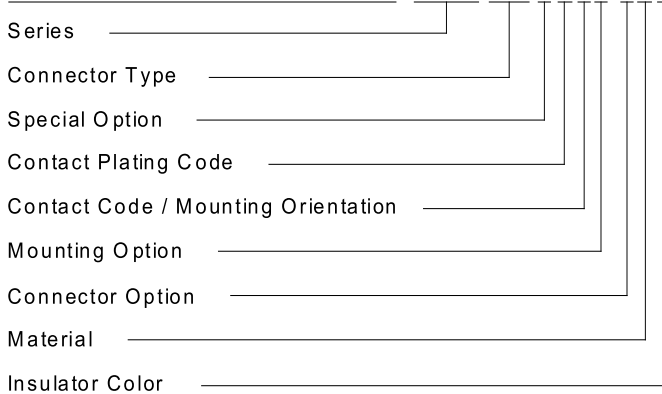
- **Up to 480 Mbps communication speed for standard USB 2.0**
- **Up to 5 Gbps communication speed for standard USB 3.0**
- **Industry standard plug and play technology - 'Hot Pluggable'**
- **Compatible with synchronous and asynchronous data transfer**
- **Data and power combined in one small package**
- **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: 690N208P224-021

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

Series:

690N	Receptacle

Connector Type:

208	USB 2.0 Type-A Dual Stack
218	USB 3.0 Type-A Dual Stack

Special Option:

-	Standard
P	High Current *

Contact Plating:

1	2µ" ~ 5µ" Gold
2	Gold Flash
3	5µ" ~ 10µ" Gold - (Connector Type 208 Only)
5	15µ" Gold
6	30µ" Gold

Contact Code / Mounting Orientation:

2	Right Angle PCB
4	Vertical PCB - (Connector Type 208 Only)

Mounting Option:

4	4 Metal Board Locks

Connector Option:

0	Tabs on Leading Edge

Material:

2	PBT

Insulator Color:

0	White / Natural - (Connector Type 208 Only)
1	Black
2	Blue - (Connector Type 218 Only)

Ordering Code Notes:

Option marked * is only available with Connector Type 208 , Contact Code 2 & Mounting Option 4 (see example part number for reference)

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.