690A SERIES

USB 2.0 TYPE-A RECEPTACLES - RIGHT ANGLE PCB

Features:

- Up to 480 Mbps communication speed for standard USB 2.0
- 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: 690A104-623-220

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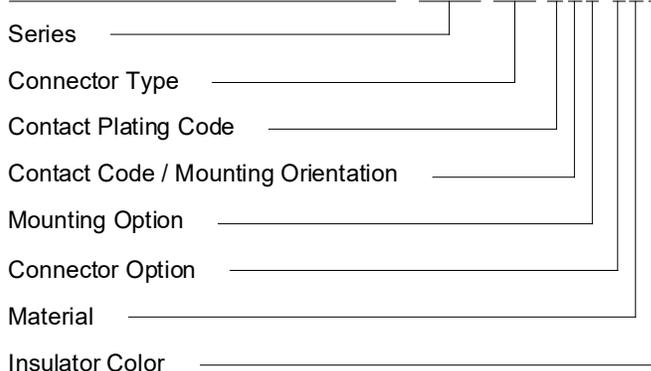
Series:

690A	Receptacle

Connector Type:

104	USB 2.0 Type-A - 'Tab Up'

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 (Parallel to PCB)

Mounting Option:

1	2 Through Hole Grounding Tabs **
2	4 Through Hole Grounding Tabs
3	2 Metal Board Locks
4	4 Metal Board Locks **

Connector Option:

0	Tabs on Leading Edge
2	No Tabs on Leading Edge
4	Short Body - Tabs on Leading Edge
6	Short Body - No Tabs on Leading Edge - (Black PBT Only)

Material:

1	LCP - (Mounting Opt 3 & Connector Opt 4 Only)
2	PBT
4	PA6T **
7	PA66 **

Insulator Color:

0	White / Natural
1	Black

Ordering Code Notes:

Options marked ** are for 1 off part numbers -
690A104-621-020 / 690A104-621-241 / 690A104-122-420 / 690A104-124-470 / 690A104-621-411 / 690A104-123-621
and are not available in any other combination on this ordering guide.

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.

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