

# 690-W SERIES



## WATERPROOF USB CONNECTORS

### Features:

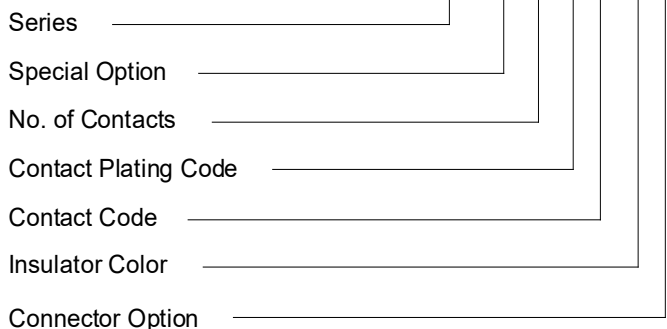
- Bayonet mating for Type-A housing, threaded mating for mini housings
- Silicone seals in the housing and against the mounting panel
- IP67 rated as per IEC60529
- Up to 480 Mbps communication speed for standard USB 2.0
- 2.5 Watts power output
- Industry standard plug and play technology - 'Hot Pluggable'
- 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
Shell Material	Copper alloy with Nickel plating
Seal Material	Silicone
Housing Material	Thermoplastic UL-94V-0

### EXAMPLE PART NUMBER: 690-W04-260-014



#### Series:

690 USB Connector

#### Special Option:

W Waterproof

#### No. of Contacts:

04 4 Contacts - Standard USB-A

05 5 Contacts - Mini or Micro USB

#### Contact Plating:

2 Gold Flash

3 15µ" Gold

6 30µ" Gold

#### Contact Code:

60 Straight / Cable End

90 SMT (Micro USB Only)

#### Insulator Color:

0 Black (Cable End)

4 Black (SMT)

#### Connector Option:

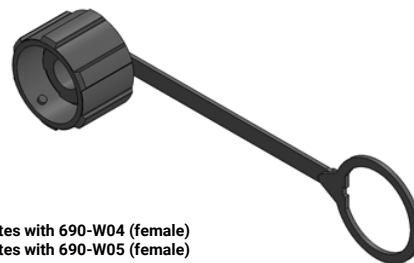
13 USB-A, Male

14 USB-A, Female

43 USB-B Mini, Male

44 USB-B Mini, Female

83 Micro USB, Female (SMT Only)



#### Protective Caps:

M00-383-001 mates with 690-W04 (female)  
M00-383-002 mates with 690-W05 (female)

#### Ordering Code Notes:

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.