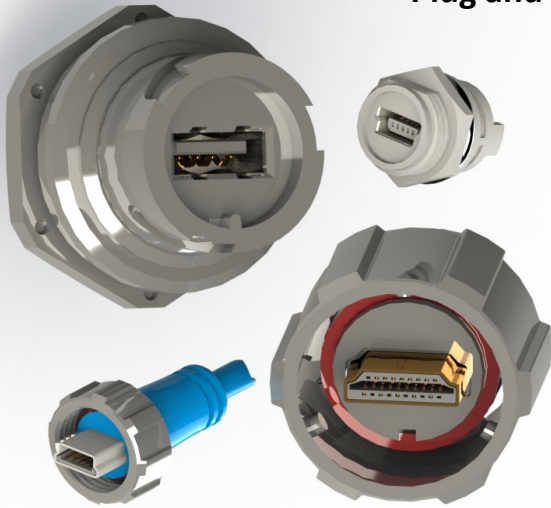




SERIES 690W WATERPROOF USB & HDMI



Plug and Socket , USB and HDMI Connectors



- E-SEAL Waterproof Connectors: Standard USB TypeA, Micro USB, Mini USB Type B and HDMI Type A
- Compatible with all Windows versions
- 1.2Mbps or 480Mbps communication speed
- Complies with USB1.0 (USB2.0 upon request)
- Compatible with asynchronous and isochronous data transfer methods
- Silicone rubber seals
- Secure latching system for safe mating under severe vibration or shock conditions
- Degree of Protection: IP67 as per IEC60529



Specifications:

Insulator Material	Thermoplastic, UL 94V-0 Rated, Black color
Contact Material	Plugs and Sockets: Copper Alloy
Contact Plating	Gold Plating over Nickel underplating
Shell Material	Nickel Plated Steel
Rubber Seals	Silicone
O-Ring	Silicone
Signal Current Rating	1A Per Contact
Contact Resistance	50 Milliohms MAX
Insulation Resistance	100 Megohms MIN
Operating Temp.	-25°C To +85°C



M00-383-001 Cap is used for:
1. 690-W04-260-014
2. 690-W19-260-012

M00-383-002 Cap is used for:
1. 690-W05-260-044

Ordering Code:

SERIES: USB, HDMI . . . 690		690-W04-260-012		TYPE: 11 . . . HDMI TYPE A, MALE 12 . . . HDMI TYPE A, FEMALE 13 . . . USB TYPE A, MALE 14 . . . USB TYPE A, FEMALE 43 . . . MINI USB TYPE B, MALE 44 . . . MINI USB TYPE B, FEMALE 83 . . . MICRO USB, FEMALE	
CROSS / REF: EDAC CODE WATERPROOF . . . W				INSULATOR COLOR: 0 . . . BLACK	
NO. OF CONTACTS: (STANDARD USB-A) 4 CONTACT PINS . . . 04 (MICRO OR MINI USB) 5 CONTACT PINS . . . 05 (HDMI) 19 CONTACT PINS . . . 19				CONTACT CODE: 60 . . . STRAIGHT TYPE 90 . . . SMT TYPE (MICRO USB ONLY)	
CONTACT PLATING Gold Flash Plating over Nickel . . . 2 15 µIN of Gold Plating over Nickel . . . 3 30 µIN of Gold Plating over Nickel . . . 6					