Reinforced USBF TV Memory Keys

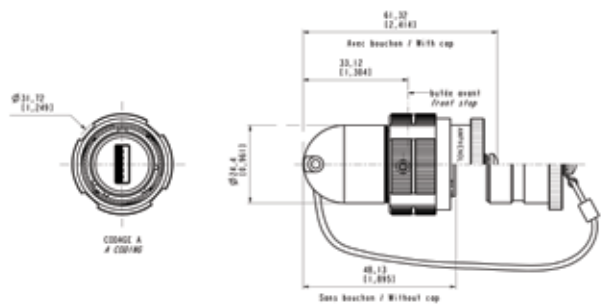**Derived from MIL-DTL-38999 series III specification • from 2 GB to 256 GB**

We provide reinforced USB memory keys available in different capacities. They can be used ONLY with our USBFTV series receptacles. When mated on the receptacle, the system is IP68 and allows data transmission in harsh environments.
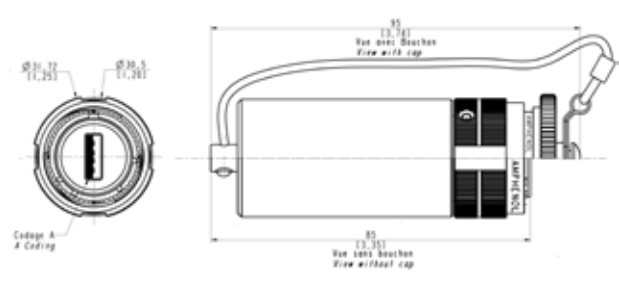
Environmental protection
- Sealing: IP68 (when mated)
- Salt spray: 48 h with nickel plating (ROHS)
    > 500 h with olive drab cadmium
- Vibrations: MIL-STD-810F method 514.5 fig 514.5.C cat 14
- Temperature range: - 40°C / +85°C (MIL-STD-810F)
- Data transmission during vibration & temperature tests

Other features
- Type: USB2.0 (capacities 2 GB & 4 GB)
    USB3.0 (capacities 8 GB to 256 GB)
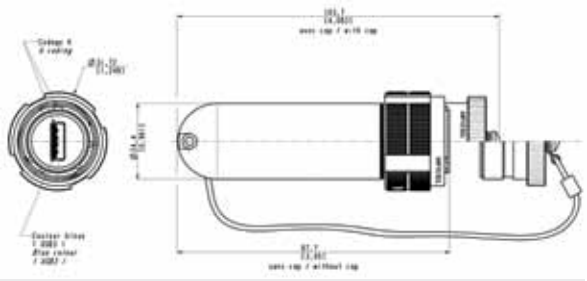- Voltage: 5V DC - 500 mA max

IMPORTANT NOTE
USBFTV memory key to be used
with USBFTV receptacle, see page 76.

Memory size **from 2 to 64GB**

Memory size of **256GB**

Memory size of **128GB**

USB cordset is included with each memory key

Note: Our rugged memory keys are sold under standard electronic manufacturer configuration.
If, for your own usage, you need to re-configurate the electronic (under Linux for example), it will be under customer responsibility. Amphenol is not responsible for any wrong doing or misguided use of the product by its customers.
Under request, we can provide you with electronic manufacturer details so you can check if their specific configuration will work with the electronic (please specify memory capacity).
Amphenol can also study the integration of electronic selected by a customer. In order to do so, we need to received a sample of the USB memory stick so we can study its integration into our existing concept or adapt it.
Please send your requests to contact@usbfield.com

Definition of part number

USBFTV KEY 6		2048			
FOR USB 2.0 VERSION		**CAPACITY FOR USBFTV KEY:** 2048 | 4096			
	A			**N**	**CAP**
USB3FTV KEY 6	**CODING POSITION:** **A:** coding A **B:** coding B	**64**		**PLATING:** **"N":** nickel plating **"G":** olive drab cadmium	**Cap:** with cap **Blank:** without cap
FOR USB 3.0 VERSION Note: USB3.0 is compatible with USB2.0	* The coding can be changed on the receptacle counter part using our tool USBFODE	**CAPACITY FOR USB3FTV KEY:** 8 | 16 | 32 | 64 | 128 | 256 Other capacity, please consult us at **contact@usbfield.com**		**NB:** please check the plating of your USBFTV receptacle	

EXAMPLE: **USBFTVKEY6A2048N:** USBFTV KEY – CODING A – CAPACITY OF 2048MB – NICKEL PLATING
EXAMPLE: **USB3FTVKEY6A64GCAP:** USBFTV KEY – CODING A – CAPACITY OF 64GB – OLIVE DRAB CADMIUM PLATING - PROTECTIVE CAP
NB: PRODUCT SUGGESTED TO ELECTRONIC CHANGES DEPENDING ON OUR ELECTRONIC SUPPLIERS, NEW CAPACITIES, OBSOLESCENCE
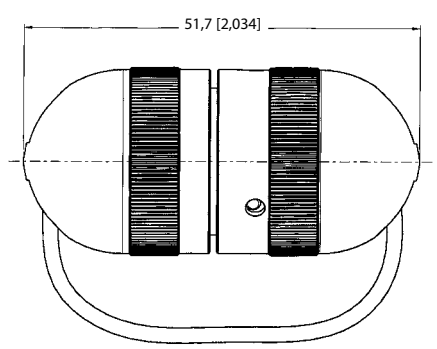
Reinforced USB Memory Keys

We provide reinforced USB memory keys available in different capacities. When mated, the system is IP68. Shells are metallic with 1/4 turn bayonet coupling. It provides a full protection of the data stored into the keys when the cap is closed. For full data protection during data transfers, check our USBFTV memory keys.
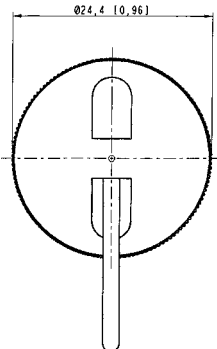
Environmental protection
- Sealing: IP68 (when closed)
- Salt spray: 48 h with nickel plating (ROHS)
    > 96 h with black coating (ROHS)
    > 500 h with olive drab cadmium
- Vibrations: MIL-STD-810F method 514.5 fig 514.5.C cat 14
- Temperature range: - 40°C / +85°C (MIL-STD-810F)

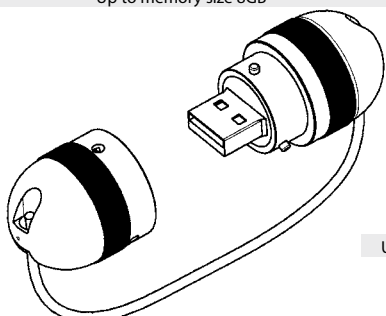**IMPORTANT NOTE**
Compatible with any standard USB port

Other features
- Type: USB2.0
- Voltage: 5V DC - 500 mA max
- Electromagnetic compatibility: 89/336/EEC and Part 15 Class B
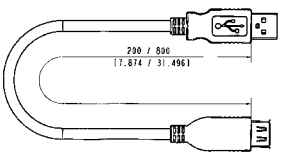
51,7 [2,034]

Ø24,4 [0,96]

Up to memory size 8GB

Note: Our rugged memory keys are sold under standard electronic manufacturer configuration.
If, for your own usage, you need to re-configurate the electronic (under Linux for example), it will be under customer responsibility.
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200 / 800
[7,874 / 31,496]

USB cordset is included with each memory key

Rugged Metallic USB KEY with CAP SEALING: IP 67

Amphenol

DEFINITION OF PART NUMBER

USBF KEY	4096	N
Beginning of every USB Key part number. Remains unchanged.	Capacity of your USBF Key: 2048 | 4096 | 8192 Other capacity, please consult us at **contact@rjfield.com**	Shell finish: **N:** Nickel **G:** Green **B:** Black

* GT: Fast Data Transfer
EXAMPLE: **USBFKEY4096N:** USB MEMORY KEY - CAPACITY OF4096MB - SHELL FINISH: NICKEL
EXAMPLE: **USBFKEY2048G:** USB MEMORY KEY - CAPACITY OF 2048MB - SHELL FINISH: GREEN