

# Full Metal Stick USB MIL-ch with cap



## Full metal USB 2.0 memory stick

- ◆ Rugged and compact storage solution for tough environmental conditions
- ◆ Very insensitive to shock and vibration due to the use of Flash memory which is encapsulated in a ca. 2 mm thick aluminium case
- ◆ Hi-Speed USB 2.0 interface; USB 2.0 Mass Storage compliant; downwards compatible to USB 1.1; no driver required for several operating systems
- ◆ Available capacities are currently 4 GB, 8 GB and 16GB, other capacities on request
- ◆ Protection class IP68
- ◆ Temperature range of  $-40^{\circ}$  to  $+85^{\circ}$ C (operating)
- ◆ according MIL 810F Standard
- ◆ Custom case designs, colours and a laser-engraved case on request

### Method of test:

- DIN EN 60068-2-1
- Tests A: Cold
- DIN EN 60068-2-78
- Test Cab: Damp heat, steady state
- DIN EN 60068-2-6
- Test Fc: Vibration (sinusoidal)
- DIN EN 60068-2-27
- Test Ea and guidance: Shock
- DIN EN 60068-2-29
- Test Eb and guidance: Bump



The cap is attached securely to the Full Metal Stick by a crimped steel cable.



Full Metal Stick USB with cap on steel cable, MIL 810 F Standard	Item no.
4 GB Full Metal Stick USB MIL-ch	26A40961CM
8 GB Full Metal Stick USB MIL-ch	26A81921CM
16 GB Full Metal Stick USB MIL-ch	26A163841CM

## Technical Specifications

**RoHS COMPLIANT**  
2002/95/EC

### Hardware

- Interface: USB 2.0 Hi-Speed interface, downwards compatible to USB 1.1
- Capacities: 4 GB, 8 GB, 16 GB, other capacities on request
- Dimensions: LxWxH: 70x21x9 mm

### Power Requirements

- DC Input Voltage: 5 Volt  $\pm 10\%$
- Power Consumption: typ. 50 – 65 mA (idle)  
typ. 80 – 100 mA (read/write)

### Environmental Specifications

- Temperature:  $-40^{\circ}$  to  $+85^{\circ}$ C (operating)
- Humidity: 8% to 95%, non-condensing
- Shock (operating): min. 500 G
- Vibration (operating): MIL-STD-810F, Part 15, Category 8

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