



◆ Specification

■ Compatibility	USB 2.0 Hi-Speed and USB1.1
■ Declarations	RoHS & REACH compliant
■ Flash technology	MLC-NAND flash technology
■ Form-factor	Pen drive
■ Host interface	4 pins USB Type A connector
■ Performance	
➢ Data transfer rate	Hi-Speed up to 480 Mbps (60MB/s)
➢ Sequential read	24 MB/sec (Max.)
➢ Sequential write	16.5 MB/sec (Max.)
■ Environmental	
➢ Operating temp.	STD. 0°C~+70°C/W.T. -40°C~+85°C
➢ Non-operating temp.	STD. -20°C~+80°C/W.T. -50°C~+95°C
➢ Humidity	10%~95% non-condensing
➢ Vibration	70 Hz to 2K Hz, 15G, 3 axes
➢ Shock	0.5ms, 1500G, 3 axes
➢ Altitude	70,000 feet
■ OS supported	Windows series O.S.Linux, VxWorks and DOS

◆ Part Number List

Capacity	0°C~+70°C	Capacity	-40°C~+85°C
64GB	SMUFD064G-MPDTM-5L	64GB	WMUFD064G-MPDTM-5LC

◆ Part Number Decoder

X1	X2	X3	X4	X5	X6	X7	X8	X9	X10	X11	X12	X13	X14	X15	X16	X17	X18	X19	X20
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Example

W	M	U	F	D	0	6	4	G	-	M	P	D	T	M	-	5	L	C	
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X1 Grade

S : Standard grade operating temp. 0°C~+70°C
 W : Wide temp. grade operating temp. -40°C~+85°C

X2 The material of casing

M : Semi-metal casing

X3 X4 X5 Product category

UFD : USB Flash Disk

X6 X7 X8 X9 Capacity

064G : 64GB

X11 Controller

M : HERCULES Series

◆ Features

- MLC-NAND flash technology
- Semi-metal casing design
- Optional color electronic plating (MOQ requested)
- Customized logo by laser carving (MOQ requested)
- Capacities 64GB

■ Power consumption

- **Power requirement** 5V ± 10% via USB port
- **Reading mode** 101.5 mA (Max.)
- **Writing mode** 113.1 mA (Max.)
- **Idle mode** 67.1 mA (Max.)
- **Reliability**
- **Wear-leveling** Static wear-leveling algorithms
- **TBW** Up to 15.4 TBW at 64GB Capacity (Client workload by JESD-219A)
- **Erase counts** Up to 3,000 times
- **ECC** 72 bits per 1024 bytes block
- **Physical specification**
- **Weight (Max.)** 12g
- **Dimension (WxLxH)** 17.20 x 50.70 x 7.80 (mm)
- **Conformal coating** Optional
- **Warranty** 2 years or within 3,000 erasing counts