Apacer

The Most **Reliable** Storage For Industries

USZ20-UFD5



USZ20-UFD5

Overview



Apacer's USZ20-UFD5 is a high performance flash disk drive designed offering portable storage solutions. USZ20-UFD5 can be plugged into a standard USB 2.0 connector commonly found in desktops, portable computers and even enterprise PC systems.

USZ20-UFD5 has an efficient built-in microcontroller and file management firmware that ensures ideal performance, functionality and reliability. This product is well suited for portable flash storage applications while operating at minimal power consumption.

Feature

· USB 2.0 high-speed transmission

· Wear Leveling

· ECC engine

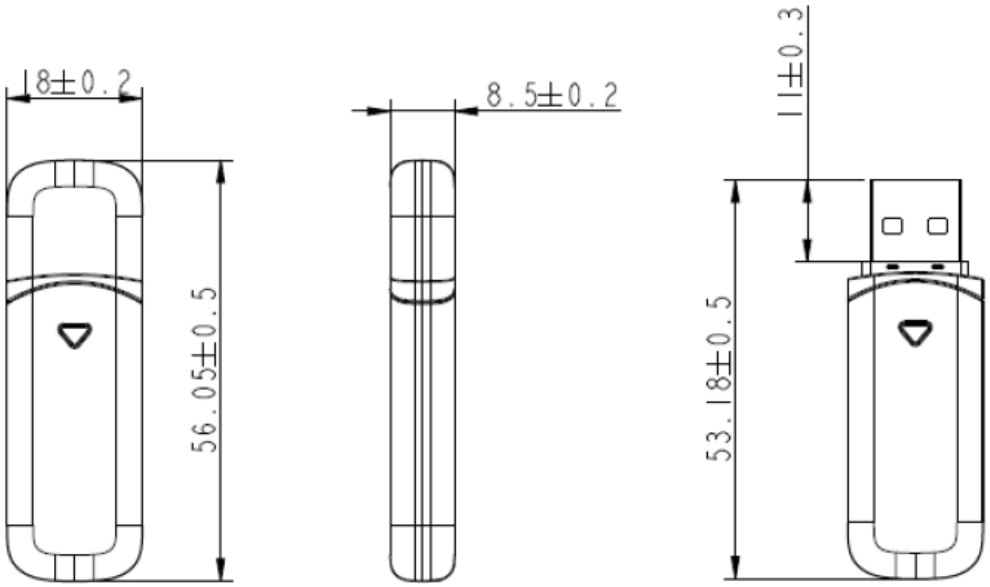
· Power Saving implemented

· Optional industrial temp. range -40°C to 85°C

Specifications

Model	USZ20-UFD5
Interface	USB 2.0
Connector	USB 2.0 A Type Plug
Form Factor	USB flash drive
NAND Flash Type	SLC
Capacity	256MB~32GB
External DRAM	No
Sustained Read Performance (MB/sec)	Up to 34
Sustained Write Performance (MB/sec)	Up to 22
ECC Engine	Built-in 24-bit per 1K bytes BCH ECC
Standard Operating Temperature (°C)	0 ~ + 70
Extended Operating Temperature (˚C)	-40 ~ + 85
Storage Temperature (°C)	-40 ~ 100
Housing	Yes
H/W Write Protect	No
Screw Hole	No
Cable-less Solution	No
Thermal sensor	No
Shock	Operation: 50G/11ms (compliant with MIL-STD-202G) Non-operation: 1500G/0.5ms (compliant with MIL-STD-883K)
Vibration	Operation: 7.69 Grms, 20~2000 Hz/random (compliant with MIL-STD-810G) Non-operation: 4.02 Grms, 15~2000 Hz/random (compliant with MIL-STD-810G)
Operating Voltage	5.0 V ± 5%
Power Consumption	Active mode: 185 mA; Idle mode: 65 mA
Dimension (L x W x H)	56.05 x 18 x 8.5 (mm)
MTBF (hours)	>3,000,000

Mechanical Specification



Unit: mm

For more information, contact your Apacer representative

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