

USB DOM

IUMU211



The ADATA IUMU211 industrial-grade USB DOMs utilize MLC NAND flash and feature 3K P/E cycle rating for high durability and reliability. They support USB interface for easy installation and are compliant with JEDEC specifications. What's more, they support BCH ECC (error correcting code) technology for data integrity and Wear Leveling for improved product longevity. Thanks to its compact size, the IUMU211 is perfectly suitable for embedded systems, automation, firewalls, and servers.

Features

- Compliant with USB 2.0 specifications
- MLC NAND flash for high durability
- 3K P/E Cycles – improved endurance and reliability
- Available with standard 2.0/2.54mm pitch connectors
- BCH ECC error correction for data integrity
- Supports Wear Leveling and Bad Block Management
- Suitable for embedded systems, automation, firewalls, and servers

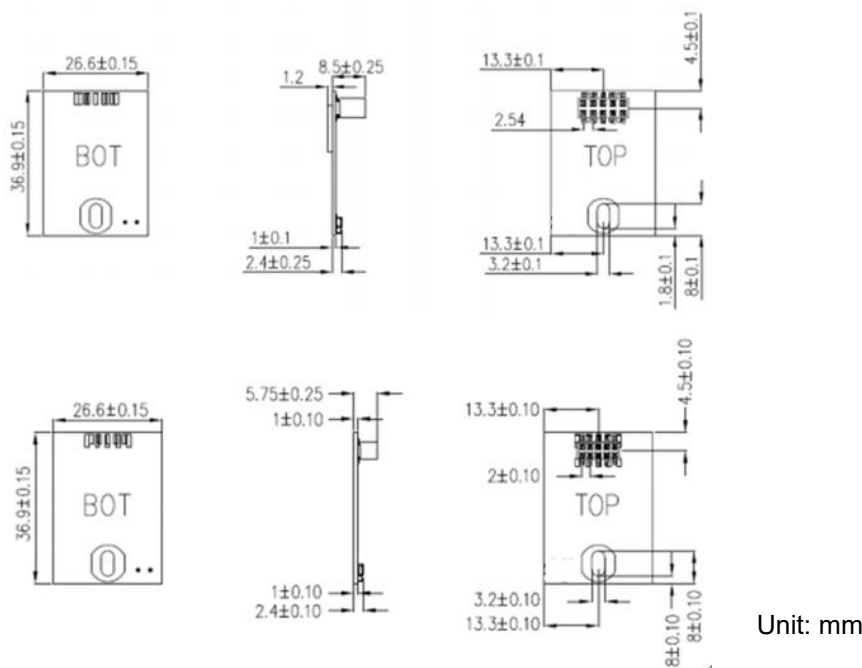
Ordering Information

Operating Temp.	8GB	16GB	32GB
0°C to 70°C	IUMU211-008GMHS	IUMU211-016GMHS	IUMU211-032GMHS

Specifications

Model	IUMU211
Form Factor	USB 10 Pin
Capacity	8GB, 16GB, 32GB
Interface	USB 10 Pin
Flash Type	MLC
Dimensions (L x W x H)	(2.54mm): 36.9 x 26.6 x 8.5mm; (2.0mm): 36.9 x 26.6 x 5.75mm
Sequential Read (Max.)	43MB/s
Sequential Write (Max.)	32MB/s
Operating Temperature (Standard)	0°C to 70°C
Operating Voltage	5V
Power Consumption (Max)	0.5W
Shock Resistance	1500G/0.5ms, Half Sine Wave
Operating Humidity	5%-95% RH, non-condensing
Vibration Resistance	20G (20-2000Hz)
Technologies	BCH ECC, Wear Leveling, Garbage Collection, Bad Block Management

Diagram



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