



## U.2 SSD 4IG2-P

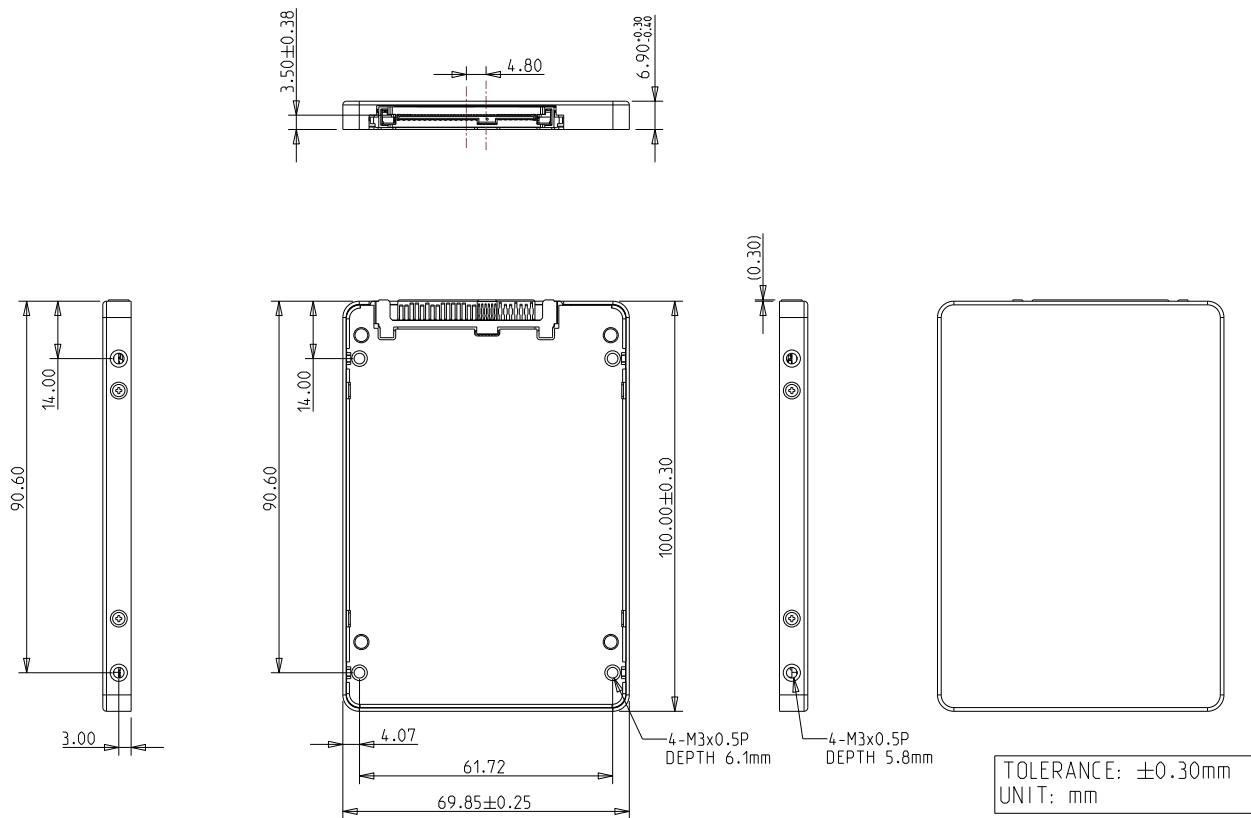
### HIGHLIGHT FEATURES

- PCIe Gen 4 x4, NVMe 1.4
- Ultra iSLC technology
- Stable sustained performance
- LDPC ECC engine supported
- 256 bit AES hardware based encryption
- Dynamic Thermal Management

### SPECIFICATIONS

<b>Model Name</b>	U.2 SSD 4IG2-P
<b>Flash Type</b>	iSLC (3D TLC)
<b>Interface</b>	PCIe Gen 4 x4
<b>Form Factor</b>	U.2
<b>Capacity</b>	160GB ~ 1.28TB
<b>Sequential R / W (MB/sec, max.)</b>	6,900 / 4,900
<b>P/E Cycle</b>	100,000
<b>TBW (Max.)</b>	92,008
<b>Storage Temperature</b>	-40°C ~ 85°C
<b>Max. Power Consumption</b>	12.1W
<b>Max. Channels</b>	8
<b>External DRAM Buffer</b>	Y
<b>H/W Write Protect</b>	N
<b>S.M.A.R.T.</b>	Y
<b>AES</b>	Y (Optional)
<b>TCG Opal</b>	Y (Optional)
<b>Dimension (W x L x H/mm)</b>	69.85 x 100.0 x 6.9
<b>Vibration</b>	20G@[7 ~ 2000Hz]
<b>Shock</b>	1500G@0.5ms
<b>MTBF</b>	>3 million hours
<b>Warranty</b>	5 Years

## DIAGRAM



## ORDER INFO.

Operating Temperature	Standard Grade (0°C ~ 70°C)	Industrial Grade (-40°C ~ 85°C)
160GB	DHEU2-A60DP1KCAEL	DHEU2-A60DP1KWael
320GB	DHEU2-D2GDP1KCAEL	DHEU2-D2GDP1KWael
640GB	DHEU2-F4GDP1KCAEL	DHEU2-F4GDP1KWael
1.28TB	DHEU2-1T2DP1KCAEL	DHEU2-1T2DP1KWael

For TCG Opal function, the PN Code 10th ~ 12th will be DP2.

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