

M.2 (P80) 4IE2

HIGHLIGHT FEATURES

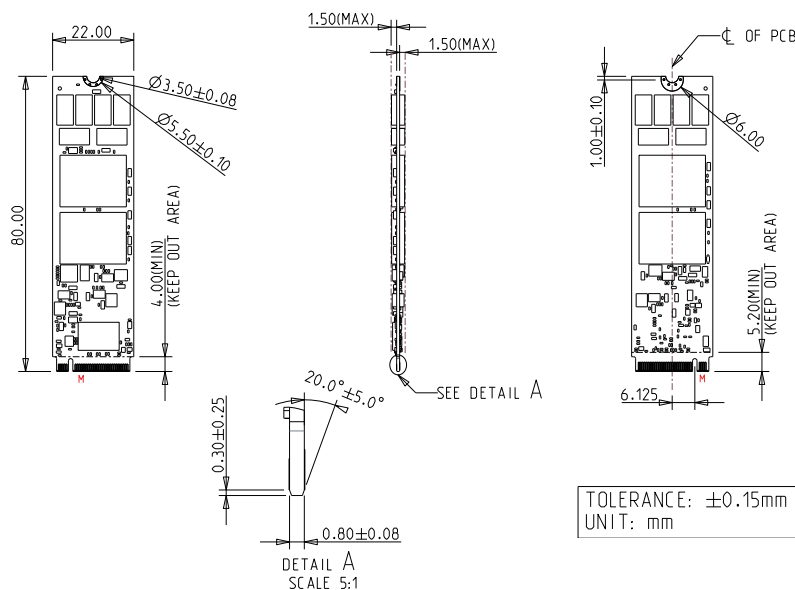
- Equipped with 112-layer 3D TLC NAND Flash
- Utilizes Ultra iSLC Technology
- Dynamic Thermal Management
- PLP (iCell) technology for power loss protection
- Support TCG Opal 2.0 (Optional)

SPECIFICATIONS

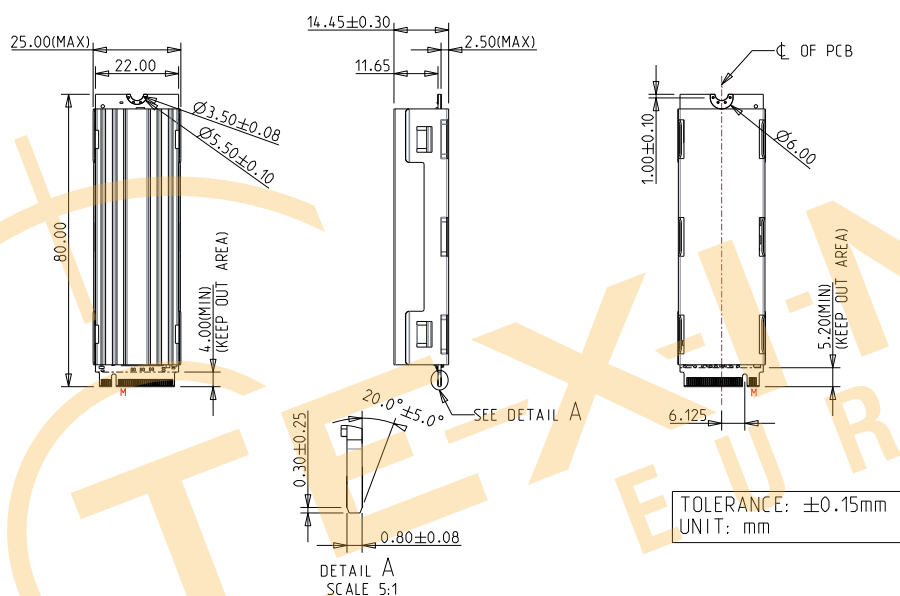
Model Name	M.2 (P80) 4IE2
Flash Type	iSLC (3D TLC)
Interface	PCIe Gen 4 x4
Form Factor	M.2 2280 M Key
Capacity	40GB ~ 640GB
Sequential R / W (MB/sec, max.)	3,550 / 2,900
P/E Cycle	100,000
TBW (Max.)	20,161
Storage Temperature	-40°C ~ 85°C
Max. Power Consumption	5.1W
Max. Channels	4
External DRAM Buffer	N
H/W Write Protect	Y (Optional)
S.M.A.R.T.	Y
AES	Y
TCG Opal	Y
Dimension (W x L x H/mm)	S/T : 22.0 x 80.0 x 3.8 W/T with heatsink : 25.0 x 80.0 x 14.45
Vibration	20G@[7 ~ 2000Hz]
Shock	1500G@0.5ms
MTBF	>3 million hours
Warranty	5 Years

DIAGRAM

ST



WT



The appearance of silicone oil seeping out from the inside of the thermal pad is a normal occurrence. Silicone oil is not electrically conductive, so it does not impact the functionality of SSD.

ORDER INFO.

Operating Temperature	Standard Grade (0°C ~ 70°C)	Industrial Grade (-40°C ~ 85°C)
40GB	DHM28-40GDF1KCADL(P)	DHM28-40GDF1KWADL(P)H
80GB	DHM28-80GDF1KCAQL(P)	DHM28-80GDF1KWAQL(P)H
160GB	DHM28-A60DF1KCAQL(P)	DHM28-A60DF1KWAQL(P)H
320GB	DHM28-D2GDF1KCAQL(P)	DHM28-D2GDF1KWAQL(P)H
640GB	DHM28-F4GDF1KCAQL(P)	DHM28-F4GDF1KWAQL(P)H

(P) : PLP (iCell) (Optional)

For TCG OPAL function, the PN Code 10th ~ 12th will be DF2.

HQ (Taiwan) T +886-2-7703-3000 / E sales@innodisk.com

CN T +86-755-2167-3689 / E sales_cn@innodisk.com

US T +1-510-770-9421 / E usasales@innodisk.com

EU T +31-40-3045-400 / E eusales@innodisk.com

JP T +81-3-6667-0161 / E jp_sales@innodisk.com

innodisk

Disclaimer

ALL PRODUCTS, PRODUCT SPECIFICATIONS AND DATA ARE SUBJECT TO CHANGE WITHOUT NOTICE TO IMPROVE RELIABILITY, FUNCTION OR DESIGN OR OTHERWISE.

Texim Europe B.V. its affiliates, agents, and employees, and all persons acting on its or their behalf (collectively, "Texim"), disclaim any and all liability for any errors, inaccuracies or incompleteness contained in any datasheet or in any other disclosure relating to any product.

Texim makes no warranty, representation or guarantee regarding the suitability of the products for any particular purpose or the continuing production of any product.

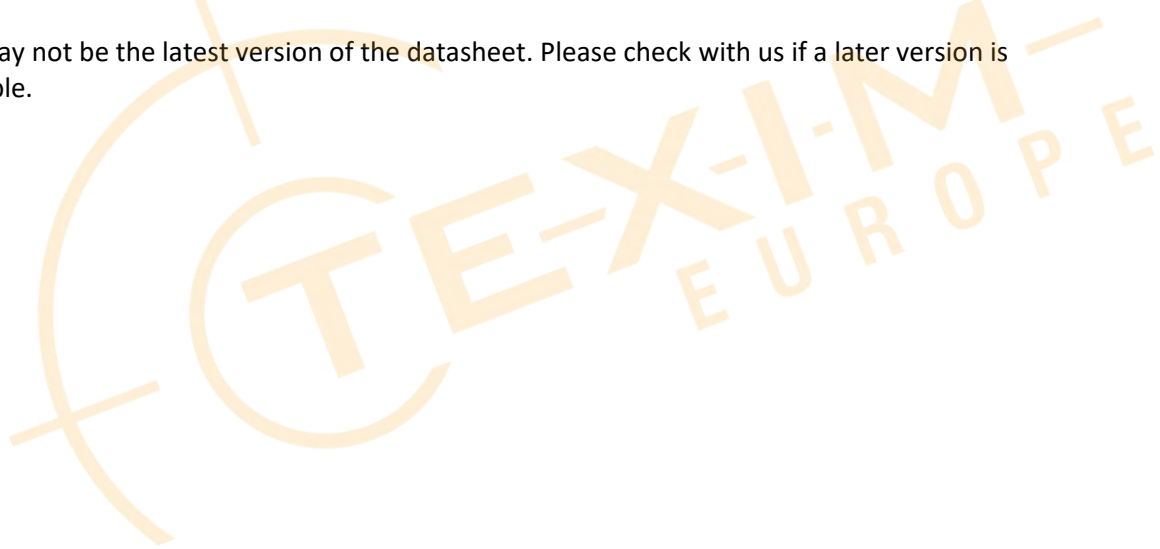
It is the customer's responsibility to validate that a particular product with the properties described in the product specification is suitable for use in a particular application.

Parameters provided in datasheets and / or specifications may vary in different applications and performance may vary over time.

All operating parameters, including typical parameters, must be validated for each customer application by the customer's technical experts.

Please contact us if you have any questions about the contents of the datasheet.

This may not be the latest version of the datasheet. Please check with us if a later version is available.





Headquarters & Warehouse

Elektrostraat 17
NL-7483 PG Haaksbergen
The Netherlands

T: +31 (0)53 573 33 33
E: info@texim-europe.com
Homepage: www.texim-europe.com



The Netherlands

Elektrostraat 17
NL-7483 PG Haaksbergen

T: +31 (0)53 573 33 33
E: nl@texim-europe.com



Belgium

Zuiderlaan 14, box 10
B-1731 Zellik

T: +32 (0)2 462 01 00
E: belgium@texim-europe.com



UK & Ireland

St Mary's House, Church Lane
Carlton Le Moorland
Lincoln LN5 9HS

T: +44 (0)1522 789 555
E: uk@texim-europe.com



Germany

Bahnhofstrasse 92
D-25451 Quickborn

T: +49 (0)4106 627 07-0
E: germany@texim-europe.com



Germany

Martin-Kollar-Strasse 9
D-81829 München

T: +49 (0)89 436 086-0
E: muenchen@texim-europe.com



Austria

Martin-Kollar-Strasse 9
D-81829 München

T: +49 (0)89 436 086-0
E: austria@texim-europe.com



Nordic

Stockholmsgade 45
2100 Copenhagen

T: +45 88 20 26 30
E: nordic@texim-europe.com



Italy

Martin-Kollar-Strasse 9
D-81829 München

T: +49 (0)89 436 086-0
E: italy@texim-europe.com