



1.8" SATA SSD 3TG6-P

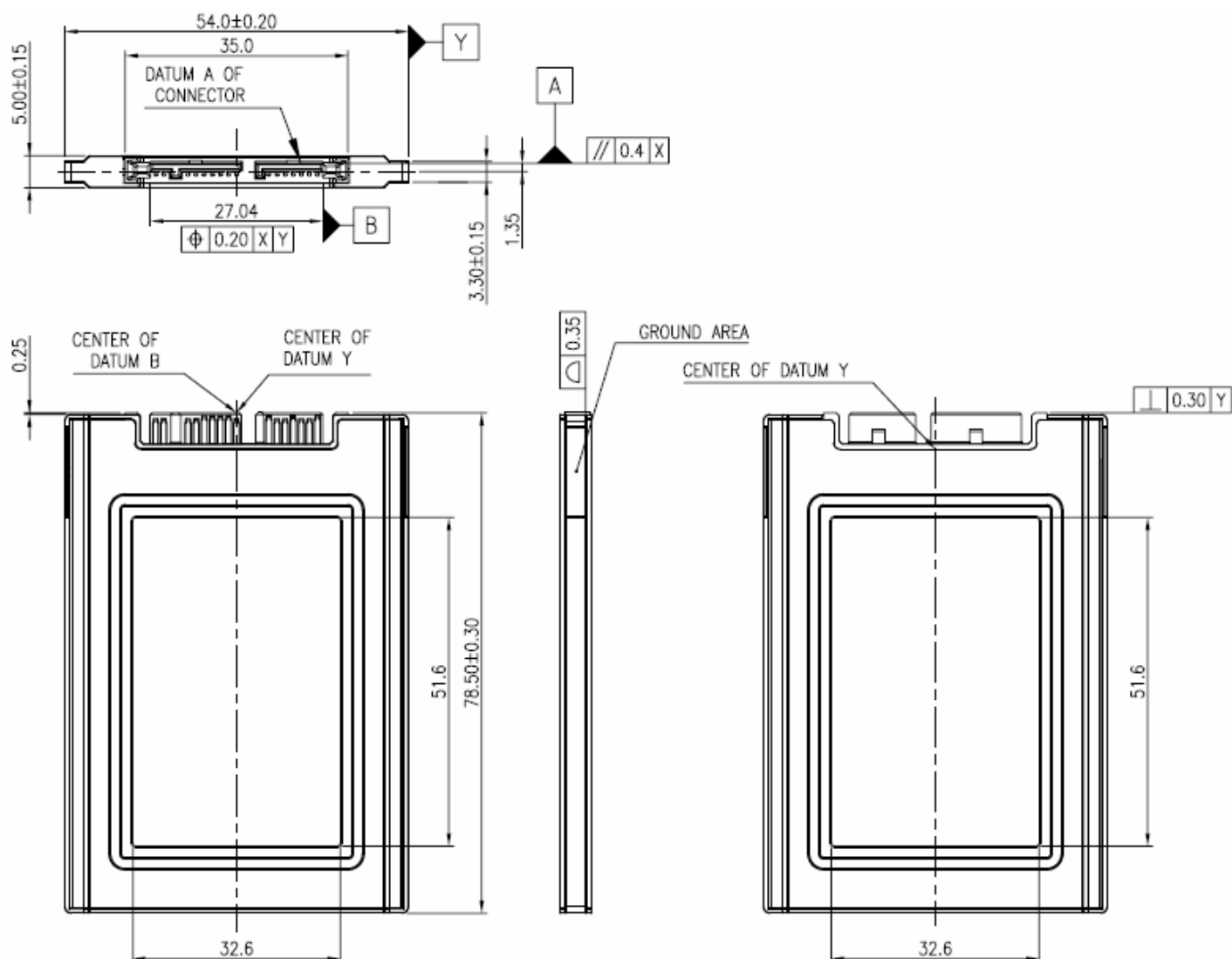
HIGHLIGHT FEATURES

- 1.8" SATA III solution for industrial field
- iSMART disk health monitoring
- AES-256 encryption
- End-to-End Data Path Protection
- iData Guard for abnormal power failure
- iCell technology for data protection (optional)
- Supports wide temperature from -40°C to 85°C

SPECIFICATIONS

Model Name	1.8" SATA SSD 3TG6-P
Flash Type	3D TLC
Interface	SATA III 6.0 Gb/s
Form Factor	1.8" SSD
Capacity	128GB ~ 1TB
Sequential R / W (MB/sec, max.)	560 / 520
P/E Cycle	3,000
TBW (Max.)	1,172
Storage Temperature	-40°C ~ 85°C
Max. Power Consumption	4.1W
Max. Channels	4
External DRAM Buffer	Y
H/W Write Protect	N
S.M.A.R.T.	Y
AES	Y (Optional)
TCG Opal	Y (Optional)
Dimension (W x L x H/mm)	54.0 x 78.5 x 5.0
Vibration	20G@[7 ~ 2000Hz]
Shock	1500G@0.5ms
MTBF	>3 million hours
Warranty	3 Years

DIAGRAM



ORDER INFO.

Operating Temperature	Standard Grade (0°C ~ 70°C)	Industrial Grade (-40°C ~ 85°C)
128GB	DGS18-A28M71EC*QF(P)	DGS18-A28M71EW*QF(P)
256GB	DGS18-B56M71EC*QF(P)	DGS18-B56M71EW*QF(P)
512GB	DGS18-C12M71EC*QF(P)	DGS18-C12M71EW*QF(P)
1TB	DGS18-01TM71EC*QF(P)	DGS18-01TM71EW*QF(P)

*. 1: Vin=5V; 2: Vin=3.3V
(P). iCell (Optional)

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