



1.8" SATA SSD 3SE2-P

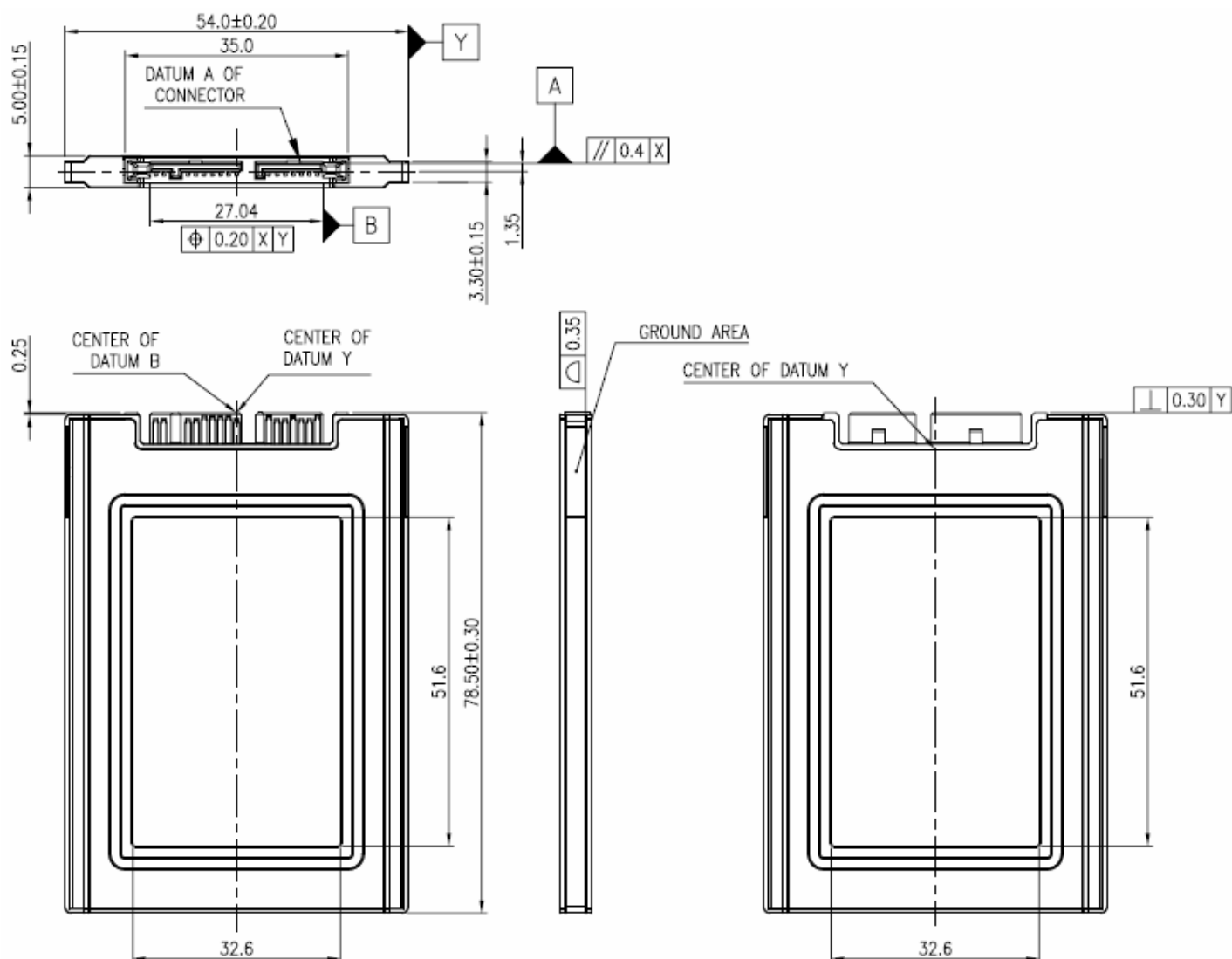
HIGHLIGHT FEATURES

- 1.8" SATA III solution for industrial field
- Hardware-based AES 256-bit key
- iData Guard for abnormal power failure
- PLP (iCell) technology for data protection (optional)
- Compliant with TCG Opal 2.0
- iSMART disk health monitoring

SPECIFICATIONS

Model Name	1.8" SATA SSD 3SE2-P
Flash Type	SLC
Interface	SATA III 6.0 Gb/s
Form Factor	1.8" SSD
Capacity	16GB ~ 256GB
Sequential R / W (MB/sec, max.)	560 / 340
P/E Cycle	60,000
TBW (Max.)	6,000
Storage Temperature	-55°C ~ 95°C
Max. Power Consumption	2.4W
Max. Channels	4
External DRAM Buffer	Y
H/W Write Protect	N
S.M.A.R.T.	Y
AES	Y
TCG Opal	Y
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	5 Years

DIAGRAM



ORDER INFO.

Operating Temperature	Standard Grade (0°C ~ 70°C)	Industrial Grade (-40°C ~ 85°C)
16GB	DES18-16GD82SC*QB(P)	DES18-16GD82SW*QB(P)
32GB	DES18-32GD82SC*QB(P)	DES18-32GD82SW*QB(P)
64GB	DES18-64GD82SC*QB(P)	DES18-64GD82SW*QB(P)
128GB	DES18-A28D82SC*QB(P)	DES18-A28D82SW*QB(P)
256GB	DES18-B56D82SC*QB(P)	DES18-B56D82SW*QB(P)

*. A: Vin=3.3V; B: Vin=5V
(P). iCell (Optional)

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