



communications

Targa Systems

Targa Series 3 SATA PC Card Holder System

Overview

Targa's Series 3 PC Card Holder System, consisting of a rugged holder assembly with an eSATA interface and a removable FLASH ATA PC Card, provides a compact self-contained system designed to meet the most demanding MIL-STD-810 and RTCA DO-160 environments.

- PC Card capacities: supports all ATA FLSH PC Card capacities
- Small, lightweight, rugged construction providing reliable data storage
- Locking access door with door open detect & shutdown
- Interfaces: SATA 1.5 Ghz
- Input Power +5 V_{DC}
- Form Factor & Mounting 1" floppy drive



Model Numbers

SATA Holder	HS30-60-2
PC Cards	SSD-PcccI-3150 or -3550

Interface

Read Transfer	SATA 1.5GHz
Write Transfer	9 GByte/sec *
	4.5 GByte/sec *

* sequential transfer; rates are PC card type dependent

Input Power +5 V_{DC}

5 V_{DC} -3% +5%, 1.5 w max

MTBF

186,000 hours (AIF 45°)

Physical

Case:	1.0"h x 5.4"d x 4.0"w
Faceplate	1.1"h x 0.1" d x 4.25"w
Weight	375 g (max)
Cooling	Passive, free air convection

Cable Length: Max

18 "

Mounting Considerations:

Industry Standard, All Orientations

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Temperature

Operating	-40°C to +71°C	MIL-STD-810E, Method 501.3
Storage	-55°C to +85°C	MIL-STD-810E, Method 502.3

Altitude

50 000 ft MIL-STD-810E, Method 500.3

Humidity

10-100% Condensing RTCA/DO-160D, Sec. 6, Cat. B

Shock

Operating 20 g, 9 msec, ½ sine MIL-STD-810E, Method 516.4

Crash Hazard

Operating 40 g, 9 msec, ½ sine MIL-STD-810E, Method 516.4

Vibration

PSD 0.04 g²/Hz, 5 - 2000 Hz MIL-STD-810E, Method 514.4, Cat10

Waterproofness

RTCA DO/160D, Sec. 10, Cat. W

Sand & Dust

RTCA DO/160D, Sec. 12, Cat. D

Salt Spray

RTCA/DO-160D, Sec. 14, Cat. S

Specifications are subject to change without notice.

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