

# SERIES 3 SATA PC CARD HOLDER SYSTEM



## Compact, Rugged Form Factor, SATA Interface



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

### KEY FEATURES

- PC card capacities: supports all flash card (ATA) capacities
- Small, lightweight, rugged construction providing reliable data storage
- Access door with door-open detection and shutdown
- Interfaces: SATA 1.5 GHz
- Input power: +5 VDC
- Form factor and mounting: 1-in. floppy drive

Use of U.S. DoD imagery does not imply or constitute DoD endorsement.

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## PRODUCT SPECIFICATIONS

Model No.	SATA Holder PC Cards	HS30-60-2 <i>Contact Targa</i>
Interface	SATA 1.5 GHz	
Read Transfer	9 MB/sec. *	
Write Transfer	4.5 MB/sec. *	
	* sequential transfer; rates are PC card type dependent	
Input Power	5 VDC, -3% to +5%, 1.5 W max	
MTBF	186,000 hours (AIF 45°)	
Physical	Case	5.4 in. x 4.0 in. x 1.0 in. (L x W x H)
	Faceplate	4.25 in. x 1.1 in. x 0.1 in. (L x W x H)
	Weight	375 g (max)
	Cooling	Passive, free-air convection
Cable Length	18 in. max	
Mounting Considerations	Industry standard, all orientations	

## ENVIRONMENTAL

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% to 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 g <sup>2</sup> /Hz, 5–2000 Hz		MIL-STD-810E, Method 514.4, Cat. 10
Waterproof	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		

## MORE TARGA SOLUTIONS

L-3's solid-state storage solutions are available in a wide range of form factors and interfaces:

- PC Card DTUs: Serial, SCSI, Ethernet, USB
- USB Flash Disks 3.5-in.
- Removable Disk Systems: Ethernet, SATA, USB



**Aviation Products**

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