

## SPECIFICATION AND PERFORMANCE

Series	123A-XXL1	File	123A-XXL1_SPEC_2	Date	2021/07/14
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### Scope:

This specification covers the requirements for product performance, test methods and quality assurance provisions of

P/N	DESCRIPTION
123A-30L1	M.2 Latch, Standoff 1.40 for 3.0H, Reel
123A-40L1	M.2 Latch, Standoff 2.40 for 4.0H, Reel
123A-58L1	M.2 Latch, Standoff 4.05 for 5.8H, Reel

### Performance and Descriptions:

The product is designed to meet the electrical, mechanical and environmental performance requirements specification. Unless otherwise specified, all tests are performed at ambient environmental conditions.

### RoHS:

All material in according with the RoHS environment related substances list controlled.

### MATERIALS

NO.	PART NAME	DESCRIPTION
1	BODY	Stainless Steel SUS301-3/4H 0.25t, 80~120u" tin plating under 20~40u" nickel plating over all
2	CAP	PA9T, UL94V-0, black

### RATING

Rated Voltage	N/A
Rated Current	N/A
Operating Temperature	-40~+85°C
Storage Temperature	-40~+85°C
Durability	60 CYCLES



<b>MECHANICAL</b>		
<b>Item</b>	<b>Requirement</b>	<b>Test Condition</b>
Open & Lock Durability	No evidence of physical damage	60 cycles, 10 to 30 cycles per minutes (EIA364-09)

<b>ENVIRONMENTAL</b>		
<b>Item</b>	<b>Requirement</b>	<b>Test Condition</b>
Mechanical Shock	Connector: No evidence of physical damage, No momentary disconnections of 1 $\mu$ s Minimum  Latch: No evidence of physical damage	285G at 2 ms half sine on all six axis
Vibration	Connector: No evidence of physical damage, No momentary disconnections of 1 $\mu$ s Minimum  Latch: No evidence of physical damage	EIA-364-28, test condition VII, test condition letter D (15 minutes in each of 3 mutually perpendicular directions. Both mating halves should be rigidly fixed so as not to contribute to the relative motion of one contact against another. The method of fixturing should be detailed in the test report.)
Salt Water Spray	No evidence of physical damage	EIA-364-26 Temperature : 35 $\pm$ 2 $^{\circ}$ C Salt water density : 5 $\pm$ 1% Duration : 48 hours