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EIA SPECIFICATION

Sectional Specification In-Line Switches of Certified Quality

EIA-520E000-A

(Revision of EIA-520E000)

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Electronic Components, Assemblies & Materials Association

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(From Standards Proposal No. 4671, formulated under the cognizance of the P-13 Committee on Switches & Interrupting Devices.)

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SECTIONAL SPECIFICATION
IN-LINE SWITCHES OF CERTIFIED QUALITY

1. Scope and Object

1.1. Scope

This sectional specification relates to in-line switches of certified quality. Switches covered by this specification are intended for direct assembly to printed circuit boards (soldered in) for use as an interface with analog and digital logic circuits.

This specification included, but is not necessarily limited to, the following subfamilies:

Rotary actuated dual-in-line-package (DIP) switches.
Transverse and linear slide actuated DIP switches.
Rocker and toggle actuated DIP switches.

1.2 Object

The objects of this specification are to prescribe:

- a) preferred ratings and characteristics.
- b) Appropriate test procedures.
- c) General performance requirements.
- d) A fixed sample size product qualification test schedule, and
- e) Quality conformance schedules.

Test severities and performance requirements prescribed in detail specifications referring to this sectional specification shall be equal to or greater than those specified herein; degradations are not permitted.

2 General

2.1 Related Documents

The following documents of the issue in effect form a part of this specification to the extent specified herein:

EIA-5200000 Generic Specification for Special Use Electromechanical Switches of Certified Quality

2.2 Terminology

Terminology shall be in accordance with EIA-5200000. Terminology peculiar to detail specification shall be defined in those documents. Terminology peculiar to the products covered by this specification shall be defined herein.

2.3 Preferred Ratings and Characteristics

Whenever possible, the values, ratings, and characteristics shall be selected from the following:

2.3.1 Preferred ratings:

The electrical ratings shall be as specified in detail specifications