



800-227-0075

<http://www.vimex.com>

Product Specification



GENERAL SPECIFICATION

1.0 SCOPE

This specification defines the basic requirements for all TS40T series Sub-Miniature Toggle Switches. Specifications on individual data sheets supersede any general specifications provided herein.

2.0 MECHANICAL

2.1 Dimensions: This device shall have the dimensions as shown in the outline drawing. All measurements stated in millimeters.

2.2 Material: Standard materials listed. Others available on request.

2.2.1 Case: diallyl phthalate (DAP).

2.2.2 Toggle Handle: Brass, chrome plated.

2.2.3 Bushing: Brass, nickel plated.

2.2.4 Housing: Stainless steel.

2.2.5 Switch Support: Brass, tin-lead

2.2.6 Contact & Terminal: copper alloy, silver plated.

2.2.7 Terminal Seal: Epoxy

2.3 Durability/Electrical Life: 30,000 make and break cycles at full load.

2.4 Weight & packing: Polybag or plastic tray inside corrugated cardboard carton. Quantities vary with item.

3.0 ELECTRICAL

3.1 Rated Voltage: per following table.

| CONTACT MATERIAL | TERMINAL MATERIAL | RATING |
|--------------------------------|--------------------------------|---|
| Silver plated | Silver plated | 3A@120VACor 28VDC; 1.5A@250VAC |
| Gold plated over Nickel plated | Gold plated over Nickel plated | 0.4VA@20VACor VDC maximum |
| Gold plated over Silver plated | Gold plated over Silver plated | 0.4VA@20VACor VDC maximum or 3A@120VACor 28VDC; 1.5A@250VAC |
| Gold plated over Nickel plated | Tin-lead over Nickel plated | 0.4VA@20VACor VDC maximum |

3.2 Dielectric Strength: 1,500 V RMS @ sea level.

3.3 Contact Resistance: 20m Ω maximum initial @2-4 VDC, 100mA

3.4 Insulation Resistance: 1,000M Ω minimum.

3.5 Operating Temperature: -30°C to +85°C.

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|-------|---|-----------|------------|--------------|---|
| | | | | Description: | General specifications for TS40T Sub-Miniature Toggle Switches. |
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