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EPD SERIES

SMT OF EDGE ACTUATED TYPE

Features

- SMT of edge actuated type (SMT piano type) easy setting on closely racked PCB.
- Gold plated contact to ensure low contact resistance and long operation life and tin plated terminal to prevent contamination during soldering.
- · All materials are UL 94V-0 grade fire retardant plastics.
- Twin contact designed to ensure stable contact.
- Smaller size make better heat convection during PC board reflow soldering.
- Bottom epoxy sealed standard to ensure free of flux immersion during wave soldering.
- Low profile with top tape sealed to withstand board washing.



SPECIFICATIONS

1. ELECTRICAL

Contact rating Switching 25mA, 24VDC Non-switching 100mA, 50VDC

Contact resistance

Inital: 50m ohm Max. After Life test: 100m ohm Max. Insulation Resistance 1000M ohm Min. at

100VDC

500VDC Min. for 60 Dielectric strength

seconds

Capacitance between adjacent switches 5pF Max.

2. MECHANICAL AND ENVIRONMENTAL

Temperature rating

-25°C to +70°C Operating -40°C to +85°C Storage Operating force 800g Max.

Operating life 2000 Operations

Humidity 95% RH, 40°C for 96 Hrs. Vibration Per MIL-STD-202F,

Method 204D

Solderability After flux 230 ± 5°C for

5 ± 0.5 seconds, 95%

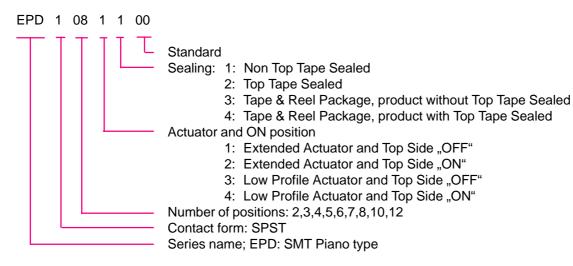
coverage.

Soldering heat 260 ±5°C for 10 ±1 sec.

> 280 ±5°C for 2 ±0.5 sec. (Resistance to IR Reflow

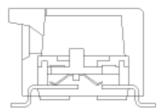
Soldering Heat)

PART NUMBERING SYSTEM

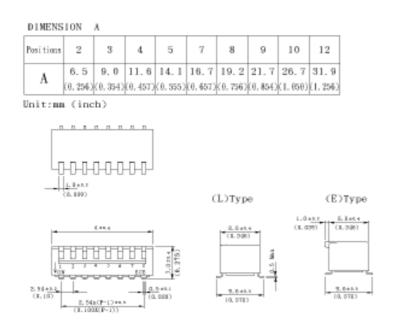


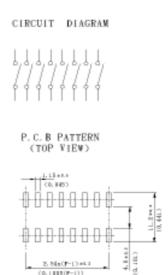






DIMENSIONS AND CIRCUITRY





OPTIONS

1.Top Tape sealed

