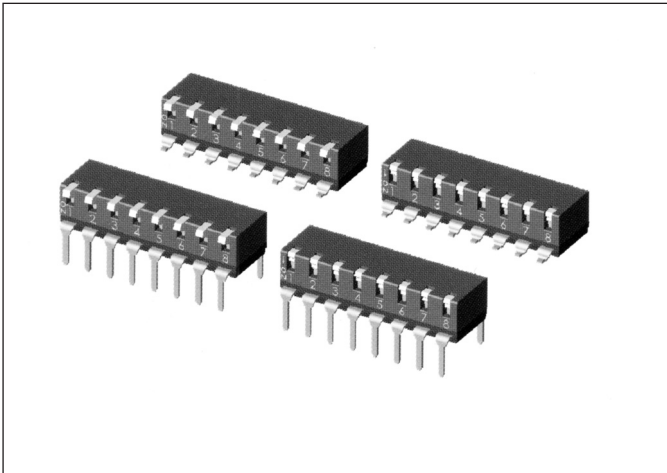


EPI & EPM SERIES
End Stackable/SMT & Through Hole Type



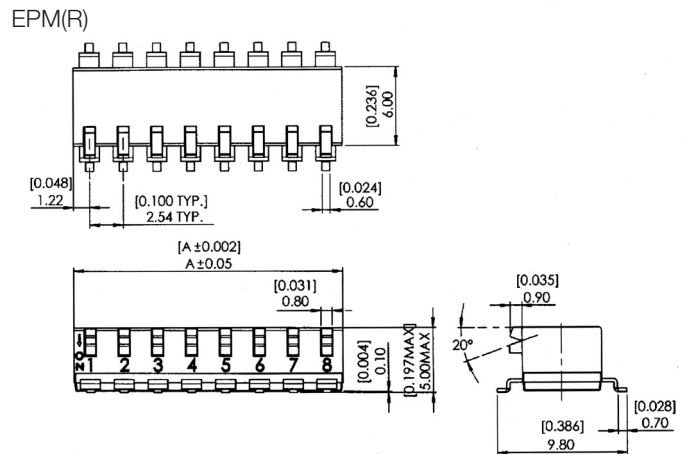
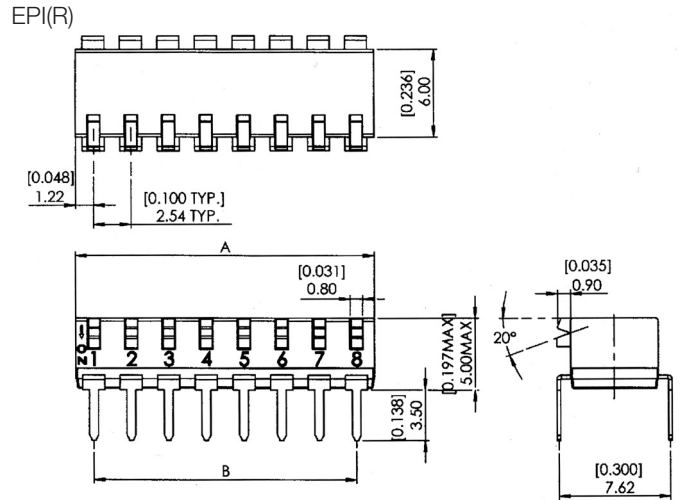
FEATURES

1. End stackable series can be used both individually and conjunctly.
When applying to conjunction, the gap between switches is approx. 0.1 mm.
2. SMT and through hole types are both available.
3. UL94V-0 high-temp. thermoplastic is used.
4. Gold plating terminals provide high conductivity.

MATERIALS

- △ COVER: UL94V-0 Nylon High Temp. Thermoplastic color Black.
- △ BASE: UL94V-0 Nylon High Temp. Thermoplastic color Black.
- △ STEM: UL94V-0 LCP High Temp. Thermoplastic color White.
- △ CONTACT: Alloy copper with gold cladding.
- △ TERMINAL: Brass with gold cladding.

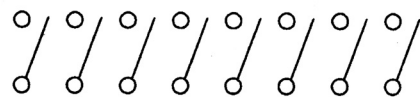
DIMENSIONS



MODELS

Prod. No.	No. of pos.	Dim. A	Dim. B
EPI-08(R)	8	20.22(.796)	17.78(.700)
EPM-08(R)	8	20.22(.796)	17.78(.700)

SCHEMATIC (TYP.)



Circuit Diagram

General Tolerance: ± 0.2 mm (± 0.008")



SPECIFICATION

Mechanical

- Operation Force: 800 gf max.
- Operation Temp: -20 °C to +85 °C.
- Storage Temp. Range: -40 °C to +85 °C.
- Mechanical life: 2,000 cycles.
- Vibration Test: MIL-STD-202F METHOD 201A.
 Frequency: 10-55-10Hz/1 min.
 Directions: X, Y, Z, three mutually perpendicular directions.
 Time: 2 hours each direction.
 High reliability.
- Shock Test: MIL-STD-202F METHOD 213 B.
 CONDITION A.
 Gravity: 50G (peak value), 11 msec.
 Direction and times: 6 sides and 3 times in each direction.
 High reliability.

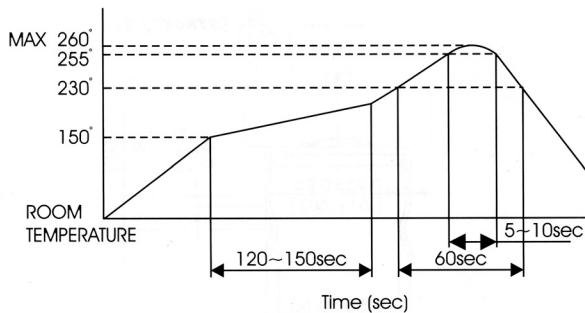
Electrical

- Electrical: 2,000 cycles.
- Rating: 25 mA, 24VDC.
- Contact Resistance: 100mΩ max. at 500VDC.
- Insulation Resistance: 100mΩ max. at 500VDC.
- Dielectric Strength 500VAC/1 minute.
- Circuit: Single pole single throw.

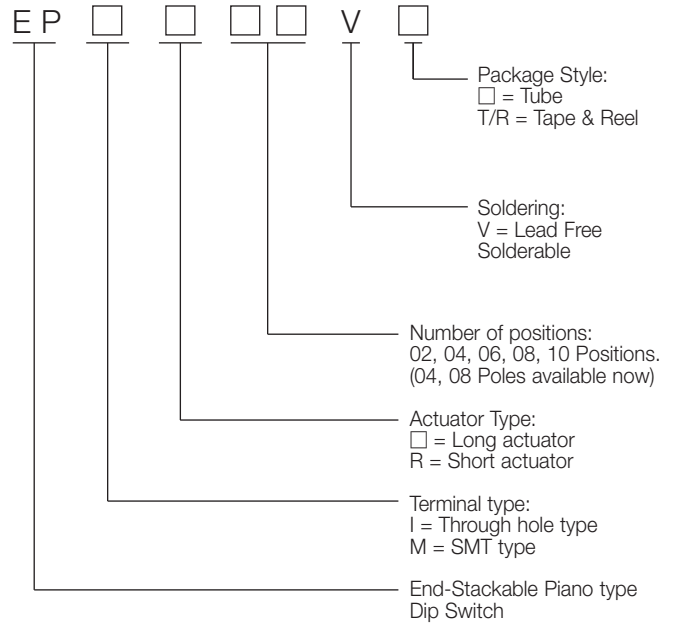
SOLDERING AND CLEANING PROCESSES

- △ Hand soldering: use a soldering iron of 30 watts, controlled at 350 °C approximately 5 seconds while applying solder.
- △ Reflow soldering: vapor phase & reflow soldering can be applied.

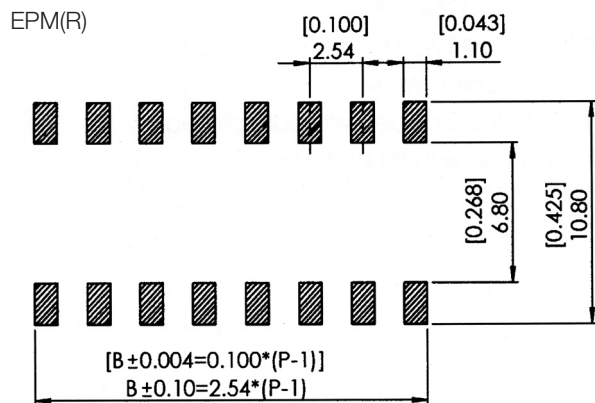
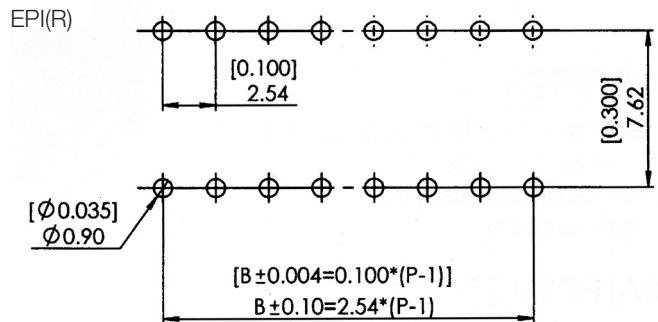
Temperature profile



HOW TO ORDER



P.C.B. LAYOUT



PACKAGING

- EPI-08, EPM-08: 21 pcs/tube
- EPI-04, EPM-04: 38 pcs/tube
- Tape and Reel: 800 pcs/reel