



RoHS
COMPLIANCE

Feature

- Sing-turn / Carbon / Open Frame
- Recommended for reflow processing
- Rotor design compatible with automatic adjustment equipment
- 3mm size meets ELA/ELAJ standard trimmer footprint

3mm Trimmer Potentiometer

Electrical characteristics

- Total Resistance..... $100\Omega \sim 1M\Omega$
- Total Resistance Tolerance..... $\pm 25\%$
- Resistance Taper.....B
- Max.Operation Voltage..... AC 50V
- Rated Power..... 0.1W at 70°C
- Residual resistance value..... $R \leq 1k\Omega$, 20Ω ,
 $1k\Omega \leq R \leq 1M\Omega$ 2%TR
- Contact resistance..... 5% or less

Mechanical characteristics

- Total Rotational Angle.....Continuous
- Total Rotational Angle..... $220^\circ \pm 20^\circ$
- Rotational Torque.....20gf.cm~200gf.cm

Durability

- Temperature Range..... $-55^\circ\text{C} \sim +125^\circ\text{C}$
- CRV.....5% Max
- Temperature Coefficient..... $\pm 250\text{ppm}/^\circ\text{C}$
- Rotational Life..... 20 Cycles ± 2 cycles
- Humidity..... $40 \pm 2^\circ\text{C}$, 95- 95% RH , $500 \pm 10\text{H}$, $\Delta\text{TR} \pm 5\%$
- Load life..... $70^\circ\text{C} \pm 3^\circ\text{C}$, $1000 \pm 12\text{hours}$ $\Delta\text{TR} \pm 5\%$
- Resistance to soldering heat..... $280 \pm 10^\circ\text{C}$, $3 \pm 0.5\text{sec}$, $\Delta\text{TR} \pm 2\%$



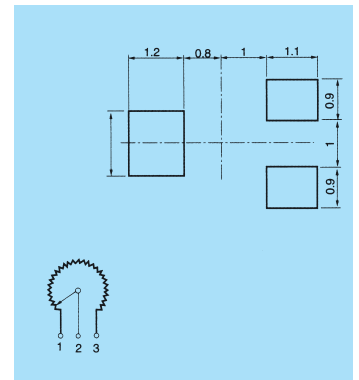
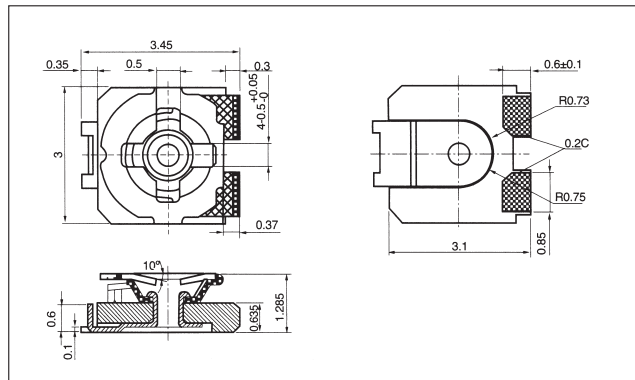
F-Ø3.0mm Series

Cermet Trimmer Potentiometer



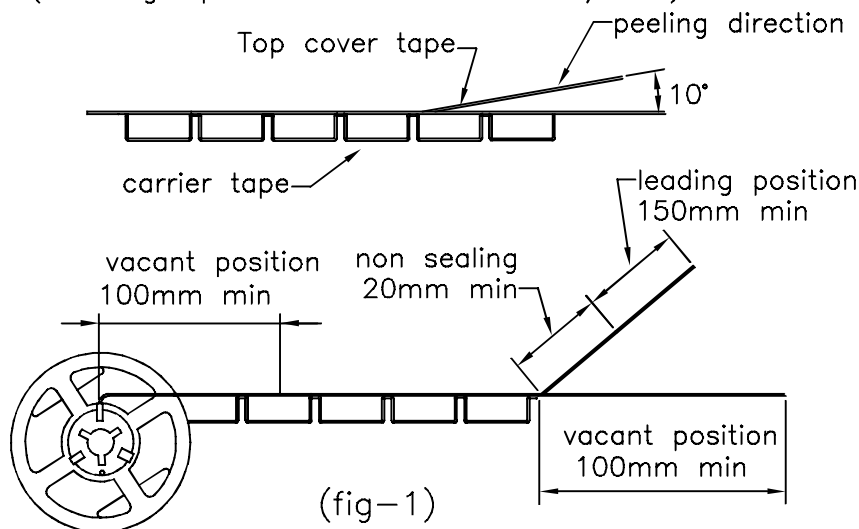
F-C03301

Single Unit, Solder Terminal

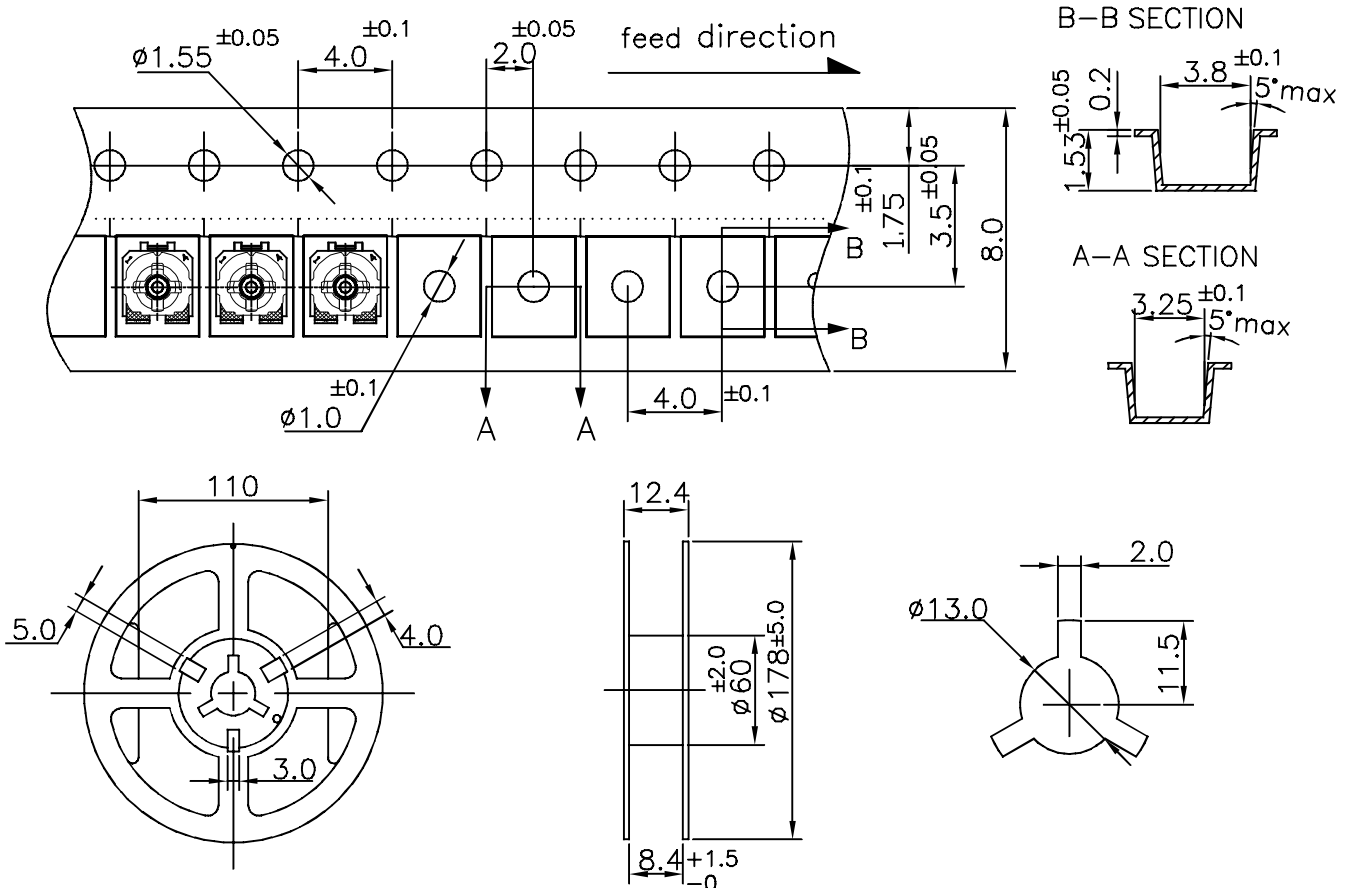


Packaging specification

1. Taping quantity: 2000pcs/reel
2. Peeling strength of cover tape: 20~100gf
(Peeling speed shall be 300mm/min)



3. Taping method



Part number system of open trimmer potentiometer

