

TSC3S

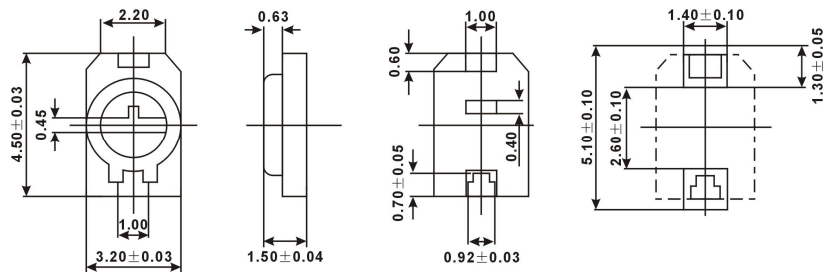
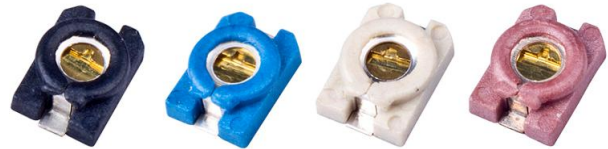
FEATURES

- Ultra miniature size with external dimensions of 3.2(W) x 4.5(L) x 1.5(T)mm
- Designed for reflow soldering
- Lowest capacitance drift
- Very good Q and high resonant frequency
- Color coded case permits easy identification
- Sealed construction prevents the penetration of Flux and Dust

Chip Trimmer Capacitors, TSC3S Series, are miniature and ultra-thin type surface mounting device, and are recommended for miniaturization of electronic equipment.

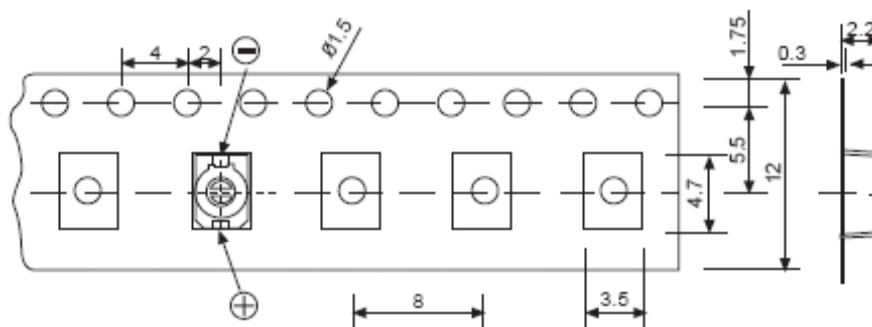
The capacity drift after adjustment is very low and having a very thin dustproof structure, these capacitors are most suited to the fine adjustment of items.

The plastic is a high temperature liquid-crystal polymer with low dielectric loss and good mechanical strength.



Ratings and Characteristics

| Item \ Part No | TSC3S503T1R 3pF Black | TSC3S506T1R 6pF Blue | TSC3S510T1R 10pF Ivory | TSC3S520T1R 20pF Pink |
|----------------------------------|-----------------------------|----------------------------|------------------------------|-----------------------------|
| Capacitance(pF Min) | 1.7 MAX | 2.0 MAX | 3.0 MAX | 5.5 MAX |
| Capacitance(pF Max) | 4.0 ⁺⁵⁰ -0% | 6.0 ⁺⁵⁰ -0% | 10.0 ⁺⁵⁰ -0% | 20.0 ⁺⁵⁰ -0% |
| Capacitance Drift (Max) | ±2% | ±2% | ±2% | ±3% |
| Temperature Coefficient (ppm/°C) | NPO±300 | NPO±200 | N600±400 | N900±400 |
| Q Value (at 1 Mhz, C max) | 300min | 500 min | 700 min | 500 min |
| Insulation Resistance | 10 ⁴ MΩ Min | | | |
| Torque | 15~72 gf.cm | | | |
| DC Working Voltage | 100 VDC | 100 VDC | 100 VDC | 100 VDC |
| DC Withstanding Voltage | 220 VDC | 220 VDC | 220 VDC | 220 VDC |
| Operating Temperature | -25°C to 85°C | | | |



Note: Specification are subject to change without notice. For more detail and update, please visit our website.