

CERAMIC TRIMMER CAPACITOR – 3MM – SMD - SPECIAL

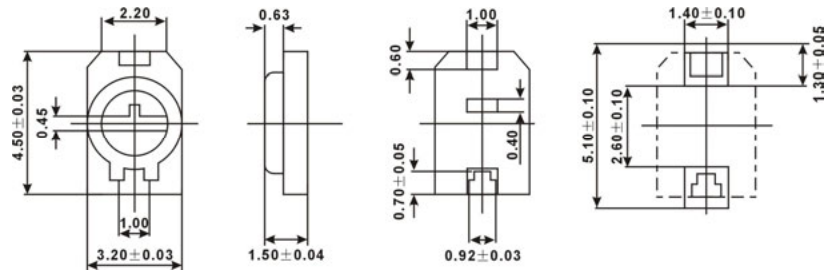
FEATURES

- 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.

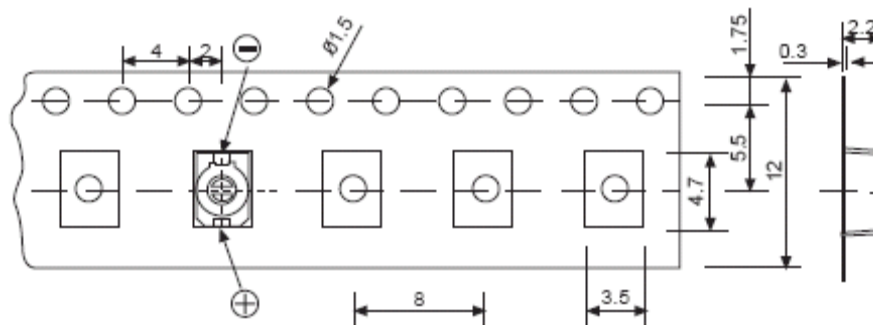
The capacity drift after adjustment is very low and having a very thin dustproof structure, these capacitors are most suited to the fine adjustment of items.

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.