## **CERAMIC TRIMMER CAPACITOR – 3MM – SMD - SPECIAL Suntan**®

## TSC3S

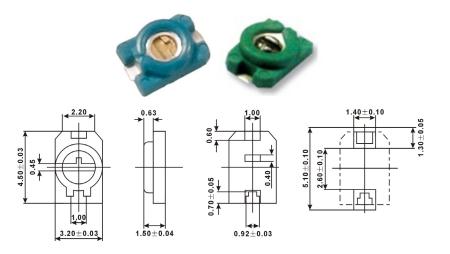
Chip Trimmer Capacitors, TSC3S Series, are miniature and ultra-thin type surface mounting device, and are recommended for miniaturization of electronic equipment.

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.

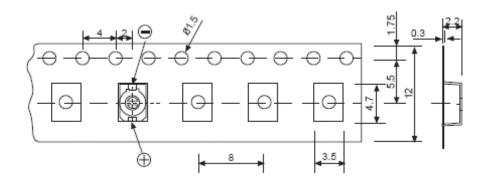
## FEATURES

- 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



## TSC3S503T1R TSC3S506T1R TSC3S510T1R TSC3S520T1R TSC3S530T1R Part No 3pF 10pF 20pF 30pF 6pF Item Black Blue Ivory Pink Green Capacitance(pF Min) 1.7 MAX 2.0 MAX 3.0 MAX 5.5 MAX 8.0 MAX $4.0^{+50}$ -0% $6.0^{+50}$ -0% 10.0+50-0% 20.0+50-0% 30.0+50-0% Capacitance(pF Max) Capacitance Drift (Max) ±2% ±2% ±2% ±3% ±3% Temperature Coefficient NPO±300 NPO±200 N600±400 N900±400 N1200±300 $(ppm/^{\circ}C)$ Q Value (at 1 Mhz, C max) 300min 500 min 700 min 500 min 300 min $10^4 M \Omega Min$ Insulation Resistance Torque 15~72 gf.cm DC Working Voltage 100 VDC 100 VDC 100 VDC 100 VDC 100 VDC DC Withstanding Voltage 220 VDC 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.