

# TSC3S

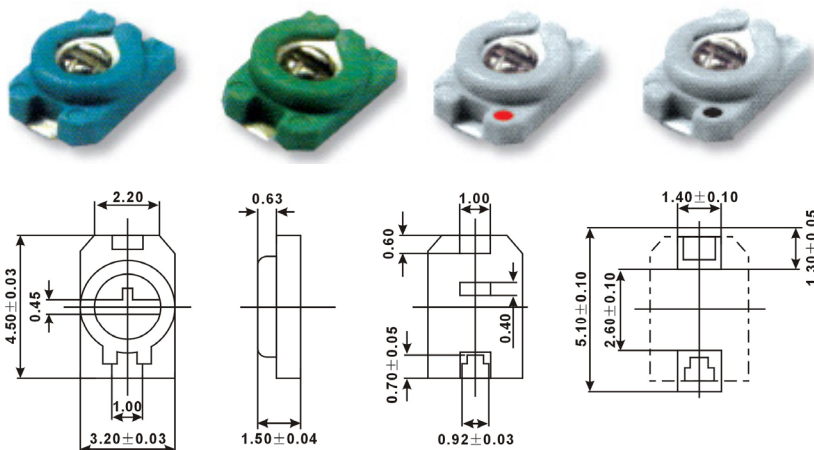
## FEATURES

- 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	TSC3S (5.7) Black	TSC3S (5.7) Blue	TSC3S (5.7) Ivory	TSC3S (5.7) Pink	TSC3S (5.7) Green
Capacitance(pF Min)		1.8 MAX	2.0 MAX	3.0 MAX	5.5 MAX	8.0 MAX
Capacitance(pF Max)		4.5 <sup>+50</sup> -0%	6.0 <sup>+50</sup> -0%	10.0 <sup>+50</sup> -0%	20.0 <sup>+50</sup> -0%	30.0 <sup>+50</sup> -0%
Capacitance Drift (Max)		±2%	±2%	±2%	±3%	±3%
Temperature Coefficient (ppm/°C)		NPO±100	NPO±100	N600±400	N900±300	N1200±300
Q Value (at 1 Mhz, C max)		500min	500 min	700 min	500 min	300 min
Insulation Resistance		10 <sup>4</sup> MΩ Min				
Torque		10~72 gf.cm				
DC Working Voltage		100 VDC	100 VDC	100 VDC	100 VDC	100 VDC
DC Withstanding Voltage		220 VDC	220 VDC	110 VDC	110 VDC	110 VDC
Operating Temperature		-25°C to 85°C				

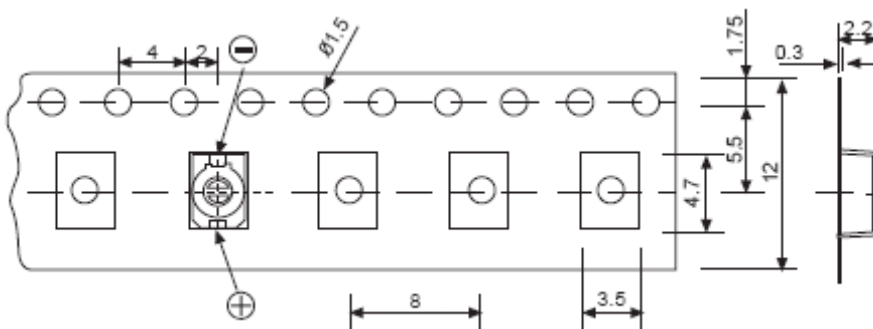
## Parts Numbering

**TSC3S** □ □ □ - □ □

① SUNTAN SERIES  
 ② 5:1.5mm Height  
 ③ Nominal Maximum Capacitance  
 ④ Packing Method

T: Taping Type    T 1: 1,000 pcs/reel  
                           T 3: 3,000 pcs/reel

BO : Bulk Type



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