

# TSC3S

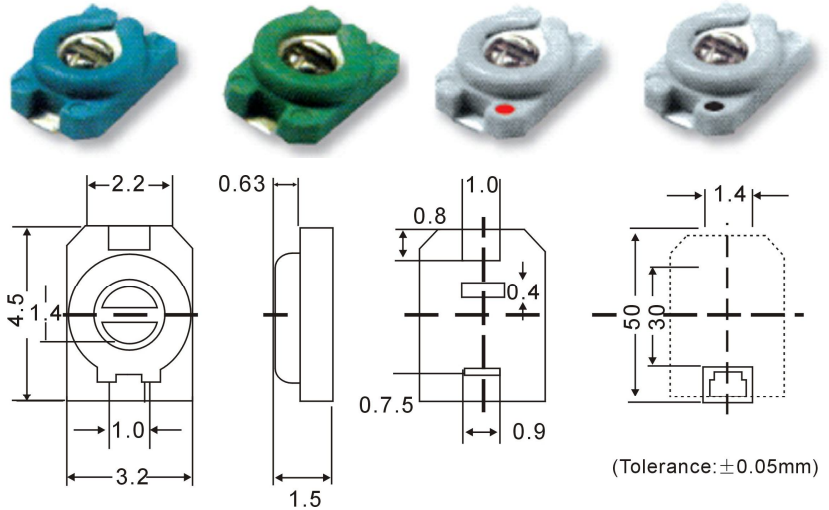
## FEATURES

- 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

Part No	TSC3S (5.7)	TSC3S (5.7)	TSC3S (5.7)	TSC3S (5.7)	TSC3S (5.7)
Item	Black	Blue	Ivory	Pink	Green
Capacitance(pF Min)	1.5 MAX	2.0 MAX	3.0 MAX	5.0 MAX	9.0 MAX
Capacitance(pF Max)	3.0 <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%
Temperature Coefficient (ppm/°C)	N470±60	N470±60	N1000±250	N1000±250	N1200±200
Q Value (at 1 Mhz, C max)	300	500	500	500	500
Insulation Resistance	10 <sup>4</sup> MΩ Min				
Torque	10~72 gf.cm				
DC Working Voltage	100 VDC	100 VDC	50 VDC	50 VDC	50 VDC
DC Withstanding Voltage	220 VDC	220 VDC	110 VDC	110 VDC	110 VDC
Operating Temperature	-25°C to 85°C				

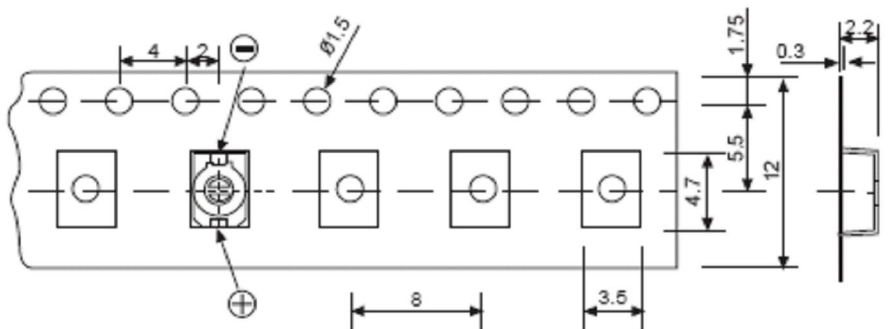
## Parts Numbering

**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.