

# TSC3S

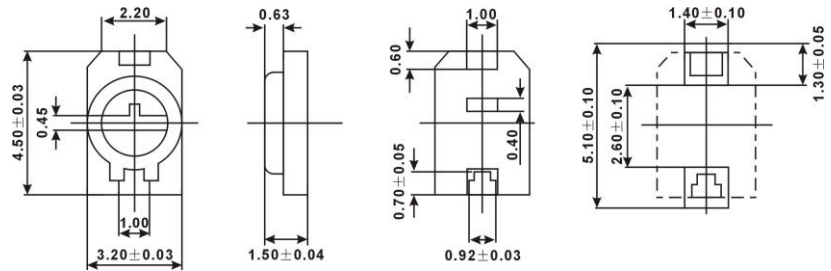
## FEATURES

- 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.

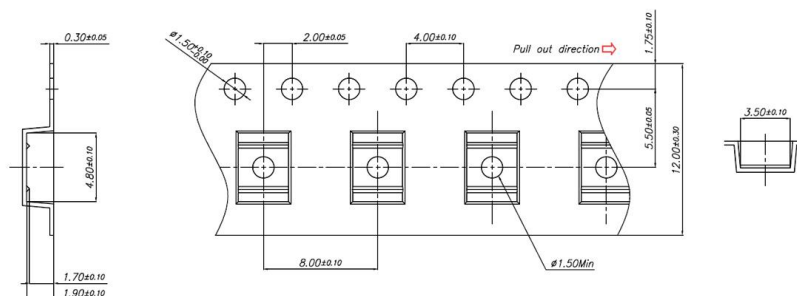
The capacity drift after adjustment is very low and having a very thin dustproof structure, these capacitors are most suited to the fine adjustment of items.

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



## Ratings and Characteristics

Item	Part No	TSC3S503T1R	TSC3S506T1R	TSC3S510T1R	TSC3S520T1R	TSC3S530T1R
		3pF Black	6pF Blue	10pF Ivory	20pF Pink	30pF Green
Capacitance(pF Min)		1.5 MAX	2.0 MAX	3.0 MAX	5.5 MAX	8.0MAX
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%	28.5.0 <sup>+50</sup> -0%
Capacitance Drift (Max)		±2%	±2%	±2%	±3%	±3%
Temperature Coefficient (ppm/°C)		NPO±300	NPO±200	N600±400	N900±400	N1300±400
Q Value (at 1 Mhz, C max)		300min	500 min	700 min	500 min	250 min
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
Insulation Resistance		10 <sup>4</sup> MΩ Min				
Operating Temperature		-25°C to 85°C				
Rotation Torque		15 ~ 72 gf.cm				



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