

CERAMIC TRIMMER CAPACITOR – 3MM – SMD - SPECIAL

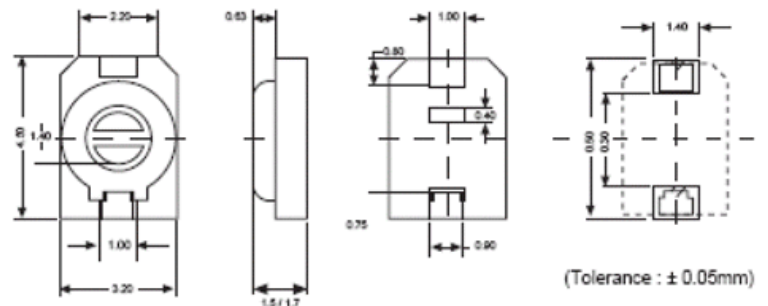
FEATURES

- 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

Part No	KCTS3 1.5-3.0 Black	KCTS3 2.0-6.0 Blue	KCTS3 3.0-10.0 Ivory	KCTS3 5.0-20.0 Pink	KCTS3 9.0-30.0 Green
Capacitance(pF Min)	1.5 MAX	2.0 MAX	3.0 MAX	5.0 MAX	9.0 MAX
Capacitance(pF Max)	3.0 ⁺⁵⁰ -0%	6.0 ⁺⁵⁰ -0%	10.0 ⁺⁵⁰ -0%	20.0 ⁺⁵⁰ -0%	30.0 ⁺⁵⁰ -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 ⁴ 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 ② ③ ④

① 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

