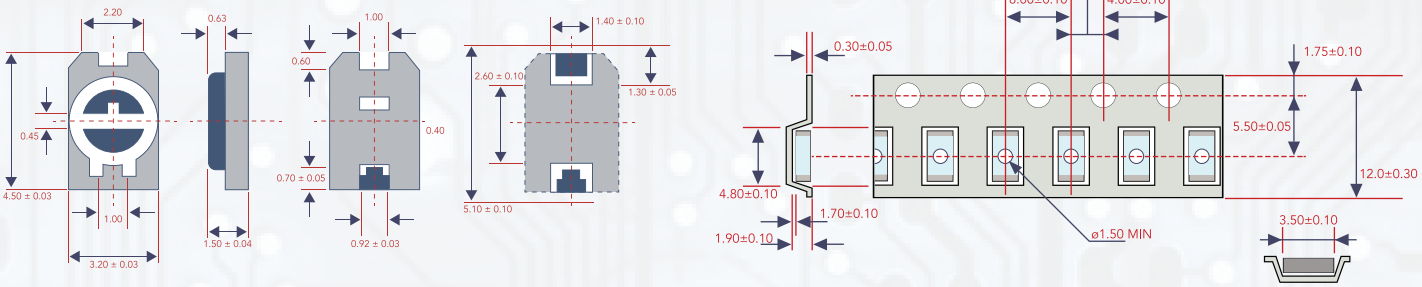
CHIP TRIMMER CAPACITOR
- CTC SERIES -

FEATURES

- Color coded case permits easy identification
- Very good Q and high resonant frequency
- Designed for reflow soldering
- Lowest capacitance drift
- Sealed construction prevents the penetration of Flux and Dust

SMD Ceramic Trimmer Capacitors 3mm CTC Series, are miniature and ultra-thin surface mounting device, and are recommended for miniaturization of electronic equipment.
The capacity drift after adjustment is very low and having a very thin dust proof structure, these capacitors are most suited to the fine adjustment of items.
The Plastic is a high temperature liquid-crustal polymer with low dielectric loss and good mechanical strength.

DIMENSIONS



PART NUMBER

CTC	3M	06	A	T
SERIES NAME	PRODUCT SIZE	CAPACITANCE	TEMPERATURE COEFFICIENT	PACKAGE TYPE
Chip Trimmer Capacitor	3M: 3mm	03: 3pF 06: 6pF 10: 10pF 20: 20pF 30: 30pF	A: NP0 C: N750 F: N1300	Tape & Reel 1,000 pcs/reel (12mm Tape & Reel)

SPECIFICATIONS

ITEM	CTC3M03AT	CTC3M06AT	CTC3M10CT	CTC3M20FT	CTC3M30FT
	3pF	6pF	10pF	20pF	30pF
	Black	Blue	Ivory	Pink	Green
CAPACITANCE (pF Min)	1.5 MAX	2.0 MAX	3.0 MAX	5.8 MAX	8.0 MAX
CAPACITANCE (pF Max)	3.0 $^{+50}$ -0%	6.0 $^{+50}$ -0%	10.0 $^{+50}$ -0%	20.0 $^{+50}$ -0%	28.5 $^{+50}$ -0%
CAPACITANCE DRIFT (ppm/°C)	±3%				
TEMPERATURE COEFFICIENT (ppm/°C)	NPO ± 300	NPO ± 300	N750 ± 400	N1300 ± 400	N1300 ± 400
Q VALUE (AT 1MHZ, C MAX)	400 min	500 min	600 min	250 min	250 min
DC WORKING VOLTAGE	100 VDC				
DC WITHSTANDING VOLTAGE	220 VDC				
INSULATION RESISTANCE	10^4 MΩ MIN				
OPERATING TEMPERATURE	-25°C to 85°C				
ROTATION TORQUE	15 ~ 72 gf. cm				