

Ceramic Trimmer (Variable, Adjustable) Capacitor

CHIP TRIMMER CAPACITOR

Chip trimmer Capacitors, STC3M Series, are a 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.

Features

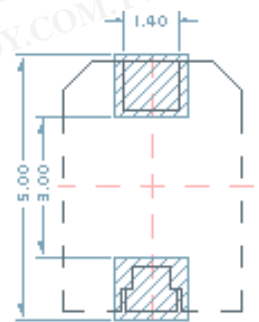
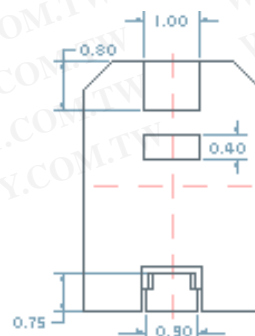
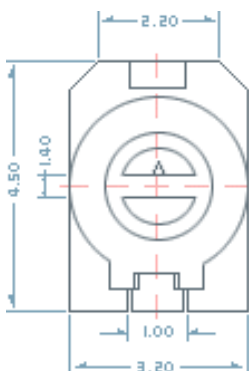


Behind the number one technology is the consistent efforts and challenge of STD

1. Ultra miniature size with external dimensions of 3.2(W) x 4.5(L) x 1.5(T)mm
2. Designed for reflow soldering
3. Lowest capacitance drift
4. Very good Q and high resonant frequency
5. Color coded case permits easy identification
6. Sealed construction prevents the penetration of Flux and Dust.

Dimension

Dimension and Standard Land Patterms



勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-54151736
勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

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Model

Ratings and Charateristics

Item \ Model No	STC3 M03-T1 (Black)	STC3 M06-T1 (Blue)	STC3 M010-T1 (Ivory)	STC3 M020-T1 (Pink)	STC3 M030-T1 (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)	NP0±200	NP0±200	N750±500	N1500±250	N1500±250
Q Value (at 1MHz, C max)	500	500	1000	500	500
Insulation Resistance	10MΩMin				
Torque	15 ~ 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				

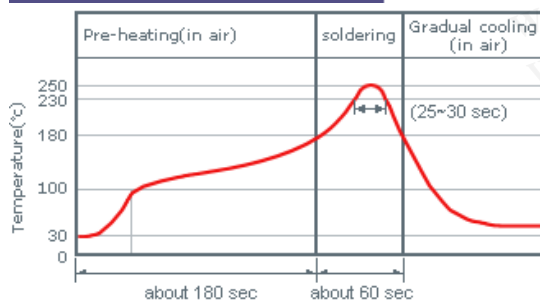
Model Numbering

S **TC** **3** **M** **-**

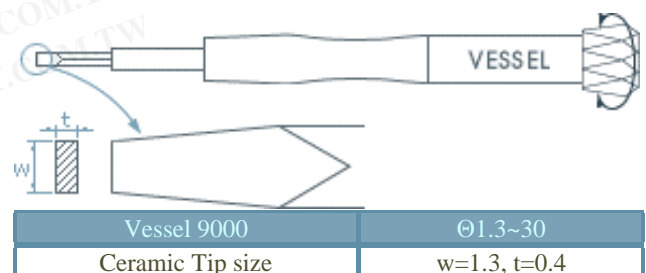
① ② ③ ④ ⑤ ⑥

- ① SEHWA - Company Name ② Trimmer Capacitor ③ Package Size(Dia) ④ Package Type
 ⑤ Nominal Maximum Capacitance
 ⑥ Packing Method
 T : Taping Type (T1 : 1,000 pcs/reel, T3 : 3,000 pcs/reel)
 BO : Bulk Type

Standard Soldering Conditions



Recommended Tuning Tools



Tape and Reel Specification

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