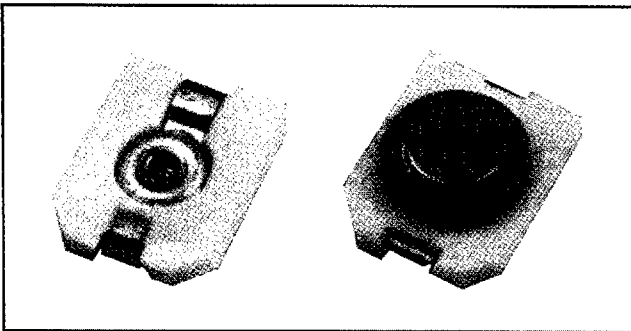




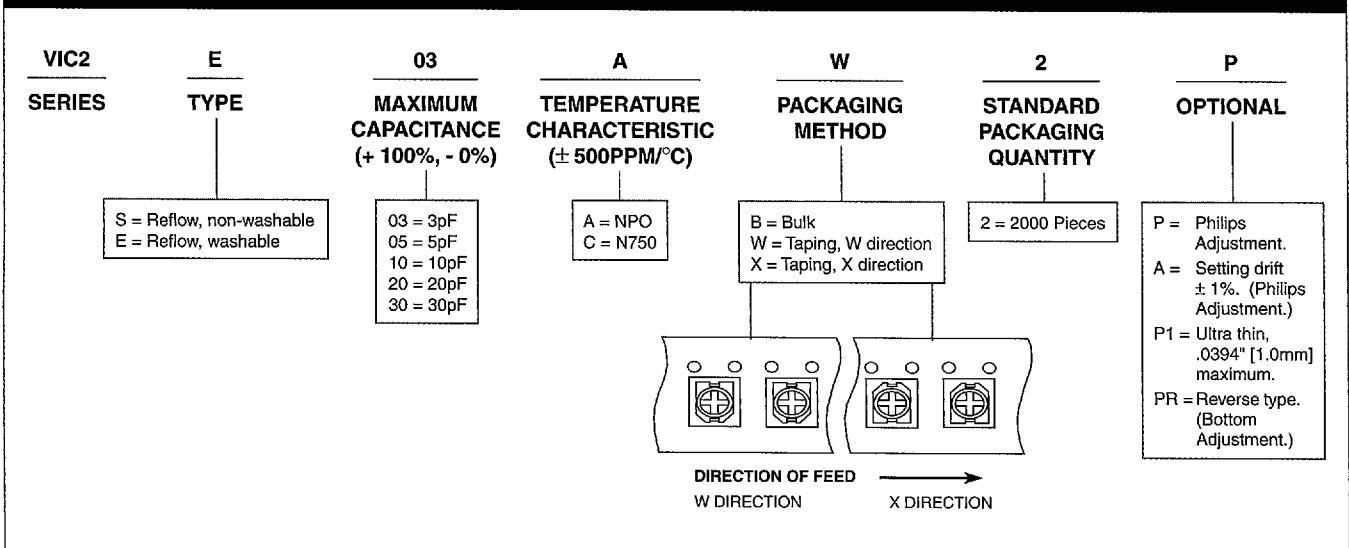
# SERIES VIC2 Multilayer Ceramic Chip Trimmer Capacitors



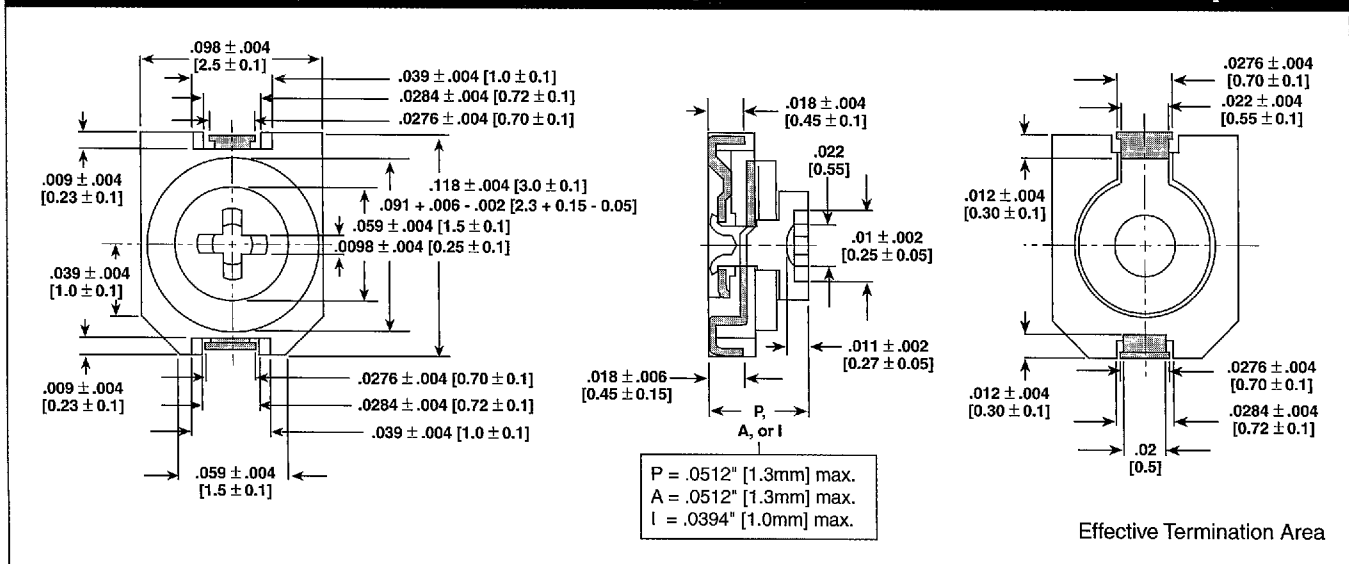
## VIC2 SERIES - FOUR BASIC TYPES

VIC2-P	VIC2S-P VIC2E-P	Philips Adjustment.
VIC2-A	VIC2S-A VIC2E-A	Setting drift 1% w/Philips Adjustment.
VIC2-P1	VIC2S-P1 VIC2E-P1	Low profile w/Philips Adjustment.
VIC2-PR	VIC2S-PR VIC2E-PR	Reverse ultra thin w/Philips Adjustment.

## VIC2 SERIES - HOW TO ORDER



## VIC2 SERIES - PHILIPS ADJUSTMENT DIMENSIONS [NUMBERS IN BRACKETS INDICATE MILLIMETERS]



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**SERIES VIC2 - Multilayer Ceramic Chip Trimmer Capacitors**

**SPECIFICATIONS - TYPE VIC2 - A, Maximum Height .0512" [1.3mm], 1% setting drift**

PART NUMBER -VIC2 - A	MINIMUM CAP VALUE (pF)	MAXIMUM CAP VALUE (pF)	TC (PPM/°C)
VIC2x-03A-x2-A	2	3	NP0 ± 500
VIC2x-05A-x2-A	3	5	NP0 ± 500
VIC2x-05C-x2-A	2.5	5	N750 ± 500
VIC2x-10A-x2-A	3	10	NP0 ± 500
VIC2x-10C-x2-A	5	10	N750 ± 500
VIC2x-20C-x2-A	5.5	20	N750 ± 500
VIC2x-30C-x2-A	7	30	N750 ± 500

**SPECIFICATIONS - TYPE VIC2 - P, Maximum Height .0512" [1.3mm]**

PART NUMBER -VIC2 - P	MINIMUM CAP VALUE (pF)	MAXIMUM CAP VALUE (pF)	TC (PPM/°C)
VIC2x-03A-x2-P	2	3	NP0 ± 500
VIC2x-05A-x2-P	3	5	NP0 ± 500
VIC2x-05C-x2-P	2.5	5	N750 ± 500
VIC2x-10A-x2-P	3	10	NP0 ± 500
VIC2x-10C-x2-P	5	10	N750 ± 500
VIC2x-20C-x2-P	5.5	20	N750 ± 500
VIC2x-30C-x2-P	7	30	N750 ± 500

**SPECIFICATIONS - TYPE VIC2 - P1, Maximum Height .0394" [1.0mm]**

PART NUMBER -VIC2 - P1	MINIMUM CAP VALUE (pF)	MAXIMUM CAP VALUE (pF)	TC (PPM/°C)
VIC2x-03A-x2-P1	2	3	NP0 ± 500
VIC2x-05A-x2-P1	3	5	NP0 ± 500
VIC2x-05C-x2-P1	2.5	5	N750 ± 500
VIC2x-10A-x2-P1	3	10	NP0 ± 500
VIC2x-10C-x2-P1	5	10	N750 ± 500
VIC2x-20C-x2-P1	5	20	N750 ± 500
VIC2x-30C-x2-P1	7	30	N750 ± 500

**SPECIFICATIONS - TYPE VIC2 - PR**

PART NUMBER -VIC2 - PR	MINIMUM CAP VALUE (pF)	MAXIMUM CAP VALUE (pF)	TC (PPM/°C)
VIC2x-03A-x2-PR	2	3	NP0 ± 500
VIC2x-05A-x2-PR	3	5	NP0 ± 500
VIC2x-05C-x2-PR	2.5	5	N750 ± 500
VIC2x-10A-x2-PR	3	10	NP0 ± 500
VIC2x-10C-x2-PR	5	10	N750 ± 500
VIC2x-20C-x2-PR	5	20	N750 ± 500
VIC2x-30C-x2-PR	7	30	N750 ± 500

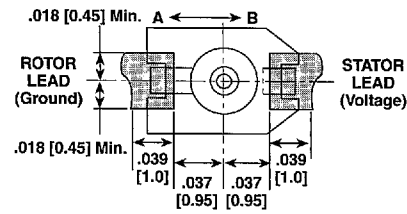
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**VIC2 SERIES - CONDITIONS AND PRECAUTIONS** [NUMBERS IN BRACKETS INDICATE MILLIMETERS]

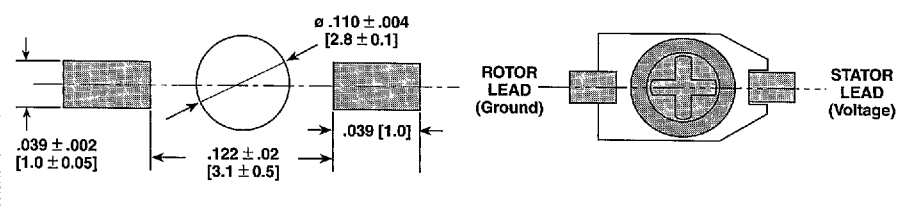
**MOUNTING PATTERN**

Recommended Pattern:

**VIC2-P/A/P1 Series**



**VIC2-PR Series**

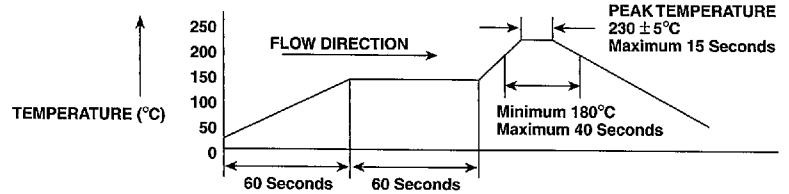


1. Determine if there is adequate room for mounting according to pattern dimensions and set pattern dimensions.
2. Connect stator terminal to voltage, rotor terminal to ground.
3. Make sure that the solder cream for coating is sufficient. (We recommend  $150\mu\text{m}$ .)
4. Take caution that the solder flux and adhesive paste does not flow in between rotor and stator.

**SOLDERING**

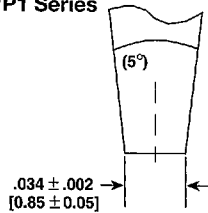
**VIC2-P/A/P1/PR Series**

1. Recommended reflow temperature curve.
2. Recommended hand soldering conditions:  
Tip temperature  $270 \pm 5^\circ\text{C}$ .  
Soldering time, less than 5 seconds.

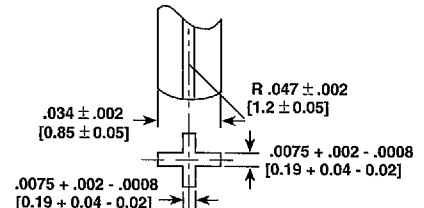
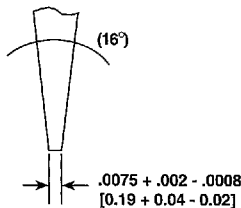


**ADJUSTMENT**

**VIC2-P/A/P1 Series**

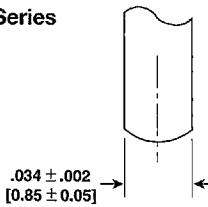


MINUS TUNING HEAD

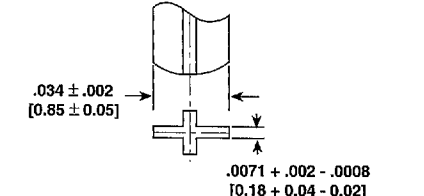
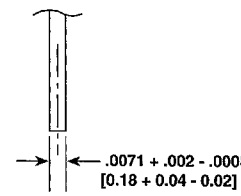


PLUS TUNING HEAD

**VIC2-PR Series**



MINUS TUNING HEAD



PLUS TUNING HEAD

1. After removing from reflow, let cool to room temperature (at least 4 hours) before adjustment.
2. Maximum pressure of screwdriver should be less than 100g.
3. Recommended screwdriver head dimensions:

**MOUNTING**

**VIC2-P/A/P1/PR Series**

Recommended adhesive nozzle procedure:

**Mechanical centering method:**

When mounting automatically with mechanical centering method, adjust so that the centering hook touches the stator (take caution that centering hook does not touch lead).

