

|                                     |                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                   |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| SPECIFICATION SHEET NO.             | T0121- CA42A025M105BA                                                                                                                                                                                                                                                                                                                                                                                                       |                                                   |
| ORIGINAL MFG/PART NO                | Xiangliang/CA42-A-25V1/CA42-A025M105B                                                                                                                                                                                                                                                                                                                                                                                       |                                                   |
| NEXTGEN PART CODE                   | CA42A025M105BA                                                                                                                                                                                                                                                                                                                                                                                                              | Indicate This Code For <a href="#">RFQ</a> /Order |
| DATE                                | Jan. 21, 2026                                                                                                                                                                                                                                                                                                                                                                                                               |                                                   |
| REVISION                            | A3                                                                                                                                                                                                                                                                                                                                                                                                                          | Updated With Most Recent Data                     |
| DESCRIPTION AND<br>MAIN PARAMETRICS | <p>Dip Type Epoxy-Coated Solid Electrolytic Tantalum Capacitor</p> <p>CA42 Series, Case A, D4.4*H6.5mm, Lead Space 2.54mm</p> <p>Rated voltage 25 Vdc</p> <p>Capacitance 1.0μF, Tolerance <math>\pm 20\%</math></p> <p>Operating Temp. Range -55~+125°C</p> <p>Package in Bulk, polybag and inner box</p> <p>RoHS/RoHS III compliant, RoHS Annex III lead Exemption (Exempt per RoHS EU 2015/863) and Halogen Free (HF)</p> |                                                   |
| CUSTOMER                            |                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                   |
| CUSTOMER PART NUMBER                |                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                   |
| CROSS REF. PART NUMBER              | TAP/T350~T356/ND, NP/NDTM/S89/TB/ECSF/199D, 489D, ETPW, ETQW                                                                                                                                                                                                                                                                                                                                                                |                                                   |
| MEMO                                |                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                   |

|                               |                                                                                     |                                                                                      |                                                                                       |
|-------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| VENDOR APPROVE                |                                                                                     |                                                                                      |                                                                                       |
| Issued/Checked/Approved       |  |  |  |
| Effective Date: Jan. 21, 2026 |                                                                                     |                                                                                      |                                                                                       |

|                  |
|------------------|
| CUSTOMER APPROVE |
|                  |
| DATE:            |

## MAIN FEATURE

- Epoxy-coated And Radial- Lead
- Stable In Electrical & Storage Performances
- Wide Operating Temperature Range -55 ~ +125°C
- Cross Most Competitors Parts TAP/T350~T356/ND, NP/NDTM/S89/TB/ECSF/199D, 489D, ETPW, ETQW and more
- Moisture Sensitivity Level (MSL) 1 (Unlimited)
- RoHS/RoHS III compliant, RoHS Annex III lead Exemption (Exempt per RoHS EU 2015/863) and Halogen Free (HF)



*Image shown is a representation only. Exact specifications should be obtained from the product dimension.*

## MAIN APPLICATION

- For TV sets, PC, Mobile Telephone Sets Pickup Camera Radar Etc.
- Instruments, Meters And More Electronical Equipment.



## ELECTRICAL CHARACTERISTICS

- See Page 8 ~ Page 10 for Different Part Code
- All Products Parameters are Subject To NextGen Components' Final Confirmation.

## HOW TO ORDER

- Please Follow Up Part Code Guide And Indicate NextGen Part Code CA42A025M105BA For RFQ and Order.

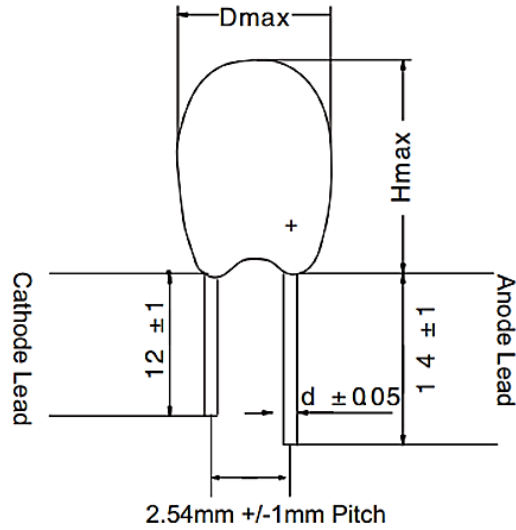
## PART CODE GUIDE

**RFQ**  
[Request For Quotation](#)

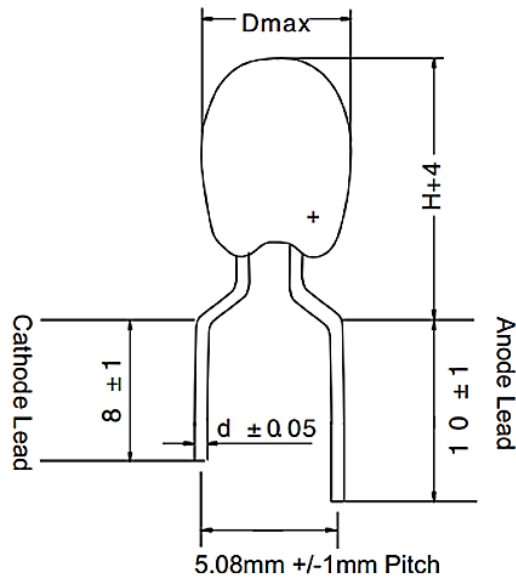
| CODE | NAME                          | KEY SPECIFICATION OPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|------|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CA42 | Product Series<br>Code        | Dip Type Epoxy-Coated Solid Electrolytic Tantalum Capacitor                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| A    | Case Size Code                | Case A: D4.4*H6.5mm; Case B: D5.0*H7.5mm;<br>Case C: D5.5*H9.0mm; Case D: D6.3*H10.5mm;<br>Case E: D7.2*H12.0mm; Case V: D8.5*H13.0mm                                                                                                                                                                                                                                                                                                                                                                                     |
| 025  | Rated voltage<br>Code         | 2R5: 2.5V; 004: 4V; 6R3: 6.3V; 010: 10V; 016: 16V; 020: 20V; 025: 25V; 035: 35V;<br>050: 50V 063: 63V 075: 75V 100: 100V                                                                                                                                                                                                                                                                                                                                                                                                  |
| M    | Capacitance<br>Tolerance code | K: $\pm 10\%$ ; M: $\pm 20\%$ (standard)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 105  | Capacitance Code              | 1st two digits represent Significant figures, 3rd Digit specifies number of Zeros<br>474: 0.47 $\mu$ F; 684: 0.68 $\mu$ F; 105: 1.0 $\mu$ F; 155: 1.5 $\mu$ F; 225: 2.2 $\mu$ F; 335: 3.3 $\mu$ F;<br>475: 4.7 $\mu$ F; 685: 6.8 $\mu$ F; 106: 10 $\mu$ F; 156: 15 $\mu$ F; 226: 22 $\mu$ F; 336: 33 $\mu$ F;<br>476: 47 $\mu$ F; 686: 68 $\mu$ F; 107: 100 $\mu$ F; 157: 150 $\mu$ F; 227: 220 $\mu$ F; 337: 330 $\mu$ F;<br>477: 470 $\mu$ F; 687: 680 $\mu$ F; 108: 1000 $\mu$ F; 158: 1500 $\mu$ F; 228: 2200 $\mu$ F |
| B    | Package Code                  | B: in Bulk Polybag; T: In Paper Tape AMMO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| A    | Internal Control<br>Code      | Letter A~Z, a~z Or Digits (0-9)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| XX   | Special/<br>Custom Parameters | Blank: N/A;<br>XX: Letter A~Z, a~z or digits (0~9) for Special/Custom Parameters                                                                                                                                                                                                                                                                                                                                                                                                                                          |

DIMENSIONS -- Unit: mm

Lead Space Type A



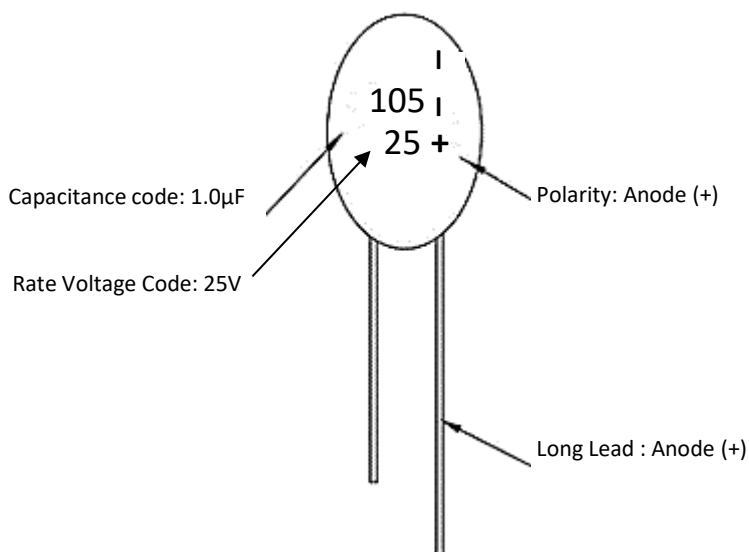
Lead Space Type B



ELECTRICAL CHARACTERISTICS, DIMENSIONS, PACKAGE

|                                 |      |                |                |                          |      |      |      |      |      |      |      |
|---------------------------------|------|----------------|----------------|--------------------------|------|------|------|------|------|------|------|
| Rated Voltage (VR)              |      |                |                | 4V                       | 6.3V | 10V  | 16V  | 25V  | 35V  | 40V  | 50V  |
| Category Voltage (Vc), ≤ +125°C |      |                |                | 2.5V                     | 4V   | 6.3V | 10V  | 16V  | 20V  | 25V  | 32V  |
| Surge Voltage (Vs) ≤ +85°C      |      |                |                | 5V                       | 8V   | 13V  | 20V  | 32V  | 46V  | 52V  | 65V  |
| Surge Voltage (Vs) ≤ +125° C    |      |                |                | 3V                       | 5V   | 8V   | 12V  | 19V  | 28V  | 31V  | 39V  |
| Dimensions (mm)                 |      | SPQ Bulk (pcs) | SPQ AMMO (pcs) | Nominal Capacitance (μF) |      |      |      |      |      |      |      |
| D*H*d                           | S    |                |                |                          |      |      |      |      |      |      |      |
| 4.4*6.5*0.5 (Case A)            | 2.54 | 1000           | 2000           | 3.3                      | 1.5  | 1    | 0.68 | 0.33 | 0.1  | 0.1  | 0.1  |
|                                 | 5.08 |                |                | 4.7                      | 2.2  | 1.5  | 1    | 0.47 | 0.15 | 0.15 | 0.15 |
|                                 |      |                |                | 6.8                      | 3.3  | 2.2  | 1.5  | 0.68 | 0.22 | 0.22 | 0.22 |
|                                 |      |                |                | 10                       | 4.7  | 3.3  | 2.2  | 1    | 0.33 | 0.33 | 0.33 |
|                                 |      |                |                | 15                       | 6.8  | 6.8  | 3.3  | 1.5  | 0.47 | 0.47 | 0.47 |
|                                 |      |                |                | 22                       | 10   | 10   | 4.7  | 2.2  | 0.68 | 0.68 |      |
|                                 |      |                |                | 33                       | 15   | 15   | 6.8  | 3.3  | 1    |      |      |
|                                 |      |                |                |                          | 22   |      | 10   |      | 1.5  |      |      |
| 5*7.5*0.5 (Case B)              | 2.54 | 1000           | 2000           | 47                       | 33   | 22   | 15   | 4.7  | 2.2  | 1    | 0.68 |
|                                 | 5.08 |                | 1000           | 68                       | 47   | 33   | 22   | 6.8  | 3.3  | 1.5  | 1    |
|                                 |      |                |                |                          |      |      |      | 10   | 4.7  | 2.2  | 1.5  |
| 5.5*9.0*0.5 (Case C)            | 2.54 | 500            | 1000           | 100                      | 68   | 47   | 33   | 15   | 6.8  | 3.3  | 2.2  |
|                                 | 5.08 |                |                | 150                      | 100  | 68   | 47   | 22   | 10   | 4.7  | 3.3  |
|                                 |      |                |                |                          |      | 100  |      |      |      |      |      |
| 6.3*10.5*0.5 (Case D)           | 2.54 | 500            | 1000           | 220                      | 150  | 150  | 68   | 33   | 15   | 68   | 4.7  |
|                                 | 5.08 |                |                | 330                      | 220  |      | 100  | 47   | 22   | 10   | 6.8  |
| 7.2*12*0.5 (Case E)             | 5.08 | 500            | n/a            | 470                      | 330  | 220  | 150  | 68   | 33   | 15   | 10   |
|                                 |      |                |                | 680                      | 470  | 330  | 220  | 100  | 47   | 22   | 15   |
| 8.5*13*0.5 (Case V)             | 5.08 | 100            | n/a            |                          | 680  | 470  | 330  | 150  | 68   | 33   | 22   |

## MARKING



| Voltage Code     | 4 | 6.3 | 10 | 16 | 20 | 25 | 35 | 40 | 50 |
|------------------|---|-----|----|----|----|----|----|----|----|
| Rate Voltage (V) | 4 | 6.3 | 10 | 16 | 20 | 25 | 35 | 40 | 50 |

| Capacitance Code       | 104 | 105 | 106 | 107 | 154  | 156 | 157 |
|------------------------|-----|-----|-----|-----|------|-----|-----|
| Capacitance ( $\mu$ F) | 0.1 | 1   | 10  | 100 | 0.15 | 15  | 150 |

| Capacitance Code       | 224  | 225 | 226 | 227 | 334  | 335 | 336 |
|------------------------|------|-----|-----|-----|------|-----|-----|
| Capacitance ( $\mu$ F) | 0.22 | 2.2 | 22  | 220 | 0.33 | 3.3 | 33  |

| Capacitance Code       | 474  | 475 | 476 | 684  | 685 | 686 | 687 |
|------------------------|------|-----|-----|------|-----|-----|-----|
| Capacitance ( $\mu$ F) | 0.47 | 4.7 | 47  | 0.68 | 6.8 | 68  | 680 |

## STANDARD CHARACTERISTICS

|                             |                                                                                                                                                  |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| PART CODE                   | CA42A025M105BA                                                                                                                                   |
| Case Size Code              | A                                                                                                                                                |
| Case Dimension              | D4.4*H6.5mm, Lead Space 2.54mm                                                                                                                   |
| Capacitance Tolerance       | ±20%                                                                                                                                             |
| Rate Temperature Range      | 85 °C                                                                                                                                            |
| Category Temperature Range  | 125 °C                                                                                                                                           |
| Operating Temperature Range | -55~ + 125 °C                                                                                                                                    |
| Leakage Current             | Measured after 1 Minutes Application of rated voltage reading, $I_0 \leq 0.02 \text{ CRUR}$ or $1.0\mu\text{A}$ Max. whichever is greater @25 °C |

## TEMPERATURE CHARACTERISTICS

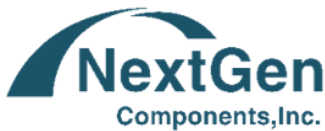
| Nominal Capacitance $C_R$ ( $\mu\text{F}$ ) | Max. D.F (%) |       |       |        | MAX D.C.L ( $\mu\text{A}$ ) |                   |
|---------------------------------------------|--------------|-------|-------|--------|-----------------------------|-------------------|
|                                             | -55 °C       | 25 °C | 85 °C | 125 °C | 85 C°                       | 125 °C            |
| 0.47~1.0                                    | 6            | 4     | 6     | 6      | 8 I <sub>0</sub>            | 10 I <sub>0</sub> |
| 1.5~6.8                                     | 8            | 6     | 8     | 8      | 8 I <sub>0</sub>            | 10 I <sub>0</sub> |
| 10~68                                       | 10           | 8     | 10    | 10     | 8 I <sub>0</sub>            | 10 I <sub>0</sub> |
| 100~330                                     | 12           | 10    | 12    | 12     | 8 I <sub>0</sub>            | 10 I <sub>0</sub> |
| 470~680                                     | 14           | 12    | 14    | 14     | 8 I <sub>0</sub>            | 10 I <sub>0</sub> |
| 680 up                                      | 16           | 14    | 16    | 16     | 8 I <sub>0</sub>            | 10 I <sub>0</sub> |

ELECTRONICAL CHARACTERISTICS- RATED VOLTAGE 4V, 6.3V, 10V, 16V, 20V, 25V CAPACITANCE TOL.  $\pm 20\%$  (M)

| Part Code      | Rated Voltage | Capacitance Tolerance | Capacitance @25°C 100Hz | Max. Dissipation Factor (DF) @25°C, 100Hz | Lead Space |
|----------------|---------------|-----------------------|-------------------------|-------------------------------------------|------------|
|                | V             | %                     | $\mu\text{F}$           | %                                         | mm         |
| CA42A004M687BA | 4             | $\pm 20$              | 680                     | 10                                        | 2.54       |
| CA42A6R3M227BA | 6.3           | $\pm 20$              | 220                     | 10                                        | 2.54       |
| CA42A6R3M336BA | 6.3           | $\pm 20$              | 33                      | 8                                         | 2.54       |
| CA42A6R3M476BA | 6.3           | $\pm 20$              | 47                      | 8                                         | 2.54       |
| CA42A6R3M686BA | 6.3           | $\pm 20$              | 68                      | 8                                         | 2.54       |
| CA42A010M106BA | 10            | $\pm 20$              | 10                      | 6                                         | 2.54       |
| CA42A010M226BA | 10            | $\pm 20$              | 22                      | 8                                         | 2.54       |
| CA42A010M476BA | 10            | $\pm 20$              | 47                      | 8                                         | 2.54       |
| CA42A016M106BA | 16            | $\pm 20$              | 10                      | 8                                         | 2.54       |
| CA42A016M107BA | 16            | $\pm 20$              | 100                     | 10                                        | 2.54       |
| CA42A016M156BA | 16            | $\pm 20$              | 15                      | 8                                         | 2.54       |
| CA42A016M157BA | 16            | $\pm 20$              | 150                     | 10                                        | 2.54       |
| CA42A016M225BA | 16            | $\pm 20$              | 2.2                     | 6                                         | 2.54       |
| CA42A016M226BA | 16            | $\pm 20$              | 22                      | 8                                         | 2.54       |
| CA42A016M335BA | 16            | $\pm 20$              | 3.3                     | 6                                         | 2.54       |
| CA42A016M336BA | 16            | $\pm 20$              | 33                      | 6                                         | 2.54       |
| CA42A016M475BA | 16            | $\pm 20$              | 4.7                     | 6                                         | 2.54       |
| CA42A016M476BA | 16            | $\pm 20$              | 47                      | 8                                         | 2.54       |
| CA42A020M106BA | 20            | $\pm 20$              | 10                      | 8                                         | 2.54       |
| CA42A025M105BA | 25            | $\pm 20$              | 1                       | 4                                         | 2.54       |

ELECTRONICAL CHARACTERISTICS- RATED VOLTAGE 25V, 35V, CAPACITANCE TOL.  $\pm 20\%$  (M)

| Part Code      | Rated Voltage | Capacitance Tolerance | Capacitance @25°C 100Hz | Max. Dissipation Factor (DF) @25°C, 100Hz | Lead Space |
|----------------|---------------|-----------------------|-------------------------|-------------------------------------------|------------|
|                | V             | %                     | $\mu\text{F}$           | %                                         | mm         |
| CA42A025M106BA | 25            | $\pm 20$              | 10                      | 8                                         | 2.54       |
| CA42A025M107BA | 25            | $\pm 20$              | 100                     | 10                                        | 2.54       |
| CA42A025M156BA | 25            | $\pm 20$              | 15                      | 8                                         | 2.54       |
| CA42A025M225BA | 25            | $\pm 20$              | 2.2                     | 6                                         | 2.54       |
| CA42A025M226BA | 25            | $\pm 20$              | 22                      | 8                                         | 2.54       |
| CA42A025M335BA | 25            | $\pm 20$              | 3.3                     | 6                                         | 2.54       |
| CA42A025M336BA | 25            | $\pm 20$              | 33                      | 6                                         | 2.54       |
| CA42A025M475BA | 25            | $\pm 20$              | 4.7                     | 6                                         | 2.54       |
| CA42A025M476BA | 25            | $\pm 20$              | 47                      | 8                                         | 2.54       |
| CA42A025M685BA | 25            | $\pm 20$              | 6.8                     | 6                                         | 2.54       |
| CA42A025M686BA | 25            | $\pm 20$              | 68                      | 8                                         | 2.54       |
| CA42A035M104BA | 35            | $\pm 20$              | 0.1                     | 4                                         | 2.54       |
| CA42A035M105BA | 35            | $\pm 20$              | 1                       | 4                                         | 2.54       |
| CA42A035M106BA | 35            | $\pm 20$              | 10                      | 8                                         | 2.54       |
| CA42A035M154BA | 35            | $\pm 20$              | 0.15                    | 4                                         | 2.54       |
| CA42A035M224BA | 35            | $\pm 20$              | 0.22                    | 4                                         | 2.54       |
| CA42A035M225BA | 35            | $\pm 20$              | 2.2                     | 6                                         | 2.54       |
| CA42A035M226BA | 35            | $\pm 20$              | 22                      | 8                                         | 2.54       |
| CA42A035M334BA | 35            | $\pm 20$              | 0.33                    | 4                                         | 2.54       |
| CA42A035M335BA | 35            | $\pm 20$              | 3.3                     | 6                                         | 2.54       |



PART CODE: **CA42A025M105BA**

## DIP TANTALUM CAPACITORS CA42 SERIES

ELECTRONICAL CHARACTERISTICS- RATED VOLTAGE 35V, 50V, CAPACITANCE TOL.  $\pm 20\%$  (M)[illegible]

## APPLICATION NTOE

### STORAGE CONDITION

- Environmental temperature: 10°C ~ +30°C
- Relative humidity no more than 60%
- Storing period: No more than one and half year since the date of stocking.

### APPLICATION GUIDE

#### 1) Ripple Current and Voltage

If the ripple current is applied to the capacitor, the Joule heat (power dissipated) will be generated in the capacitor, so it will affect the reliability of the capacitor.

##### (1) Power Dissipated

The actual power dissipated can be calculated using the following formula:  $P=I^2 \times ESR$ .....Formula 1

P: Power dissipated (W); I: Ripple current (A); ESR: Equivalent series resistance ( $\Omega$ )

##### (2) Ripple Current

Using the maximum power dissipation 125mW Max., the ripple current can be calculated using the following

formula:  $I = \sqrt{\frac{P}{ESR}} \times K \times F$ .....Formula 2

K: Temperature derating factor..... Table 1; F: Frequency derating factor..... Table 2

ESR: Refer to the ratings of each specific product

Table 1: Temperature Drop Factor K

| Temperature | Temperature Derating Factor K |
|-------------|-------------------------------|
| 25 °C       | 1                             |
| 85 °C       | 0.9                           |
| 125 °C      | 0.4                           |

Table 2: Frequency Derating Factor F

| Frequency (KHz) | 10   | 100 | 500  | 1000 |
|-----------------|------|-----|------|------|
| MnO2            | 0.80 | 1.0 | 1.15 | 1.20 |
| Polymer         | 0.75 | 1.0 | 1.10 | 1.30 |

### (3) Ripple Voltage

The ripple voltage applied to the capacitor is limited by three criteria.

- (a) The power dissipation in the ESR of capacitor must not exceed 125mW Max. @+25°C
- (b) The positive peak AC voltage plus the DC bias voltage must not exceed the DC voltage rating of the capacitor.
- (c) The negative peak AC voltage, in combination with the bias voltage, if any , must not exceed the permissible reverse voltage ratings presented .

### 2) Reverse Voltage

Solid tantalum capacitors are polarized devices , and applied reverse voltage can not be allowed . If the reverse voltage is unavoidable, a small degree of transient reverse voltage is permissible for short periods as follow.

25°C..... 10% of Max. rated voltage or 1V whichever is smaller

85°C..... 5% of Max. rated voltage or 0.5V whichever is smaller

125°C.....1% of Max. rated voltage or 0.1V whichever is smaller

Even under these restrictions, capacitors can not be used continuously in reverse voltage mode.

### 3) Working Voltage

- (1) For general applications, using 50% of rated voltage of capacitors or less.
- (2) When used at the power circuit, low impedance circuit , coupling circuit or witching circuit which has leakage current problems, please design the circuit with voltage under 30% of the working voltage ( max 50%) to avoid the adverse effect of the surge current.
- (3) Derating voltage when temperature above 85°C.

When the chip tantalum capacitor is used at 85°C or more temperatures, the reduced voltage ( $U_T$ ) is calculated from the following expression, however, note that the ambient temperature is not more than 125°C.

$$U_T = V_0 (U_R - U_C)(T - 85) / 40$$

$U_R$ : Rated voltage (V);  $U_C$ : Derating voltage at 125°C;  $T$ : Ambient temperature (°C )

#### 4) Protective Resistance

In a circuit (switching circuit, charge / discharge circuit, etc.) that has an instantaneous current, series resistance is at least  $3\Omega/V$ , this can improve the reliability of tantalum capacitors. If the capacitor is in a low impedance circuit, the voltage applied to the capacitor should be half or one third of the rated voltage.

#### 5) Redundancy

MnO<sub>2</sub> tantalum capacitors will heat, and may cause fire and burn in the short circuit. This is determined by the situation, time and other factors. When the circuit is designed, it is possible to provide the best possible space to keep the tantalum capacitor reliability.

#### 6) Test Condition

Ambient Temperature 25°C; Relative Humidity 60 to 70%; Air Pressure 800 to 1060mbar. Test and experiment, in order to make the test results not problems, it is necessary to will test the product after fully discharge.

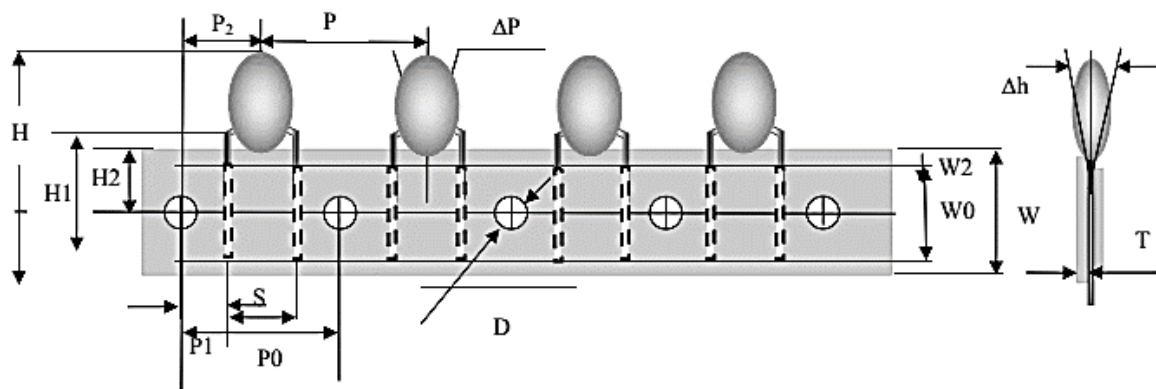
This product is a polar components, testing or when using it is strictly prohibited to will is negative pick back, in order to avoid performance failure

#### 7) Soldering

The SMD tantalum capacitor can be used for reflow soldering, which is not suitable for wave soldering and manual welding. The reflow temperature are  $\leq 250^{\circ}\text{C}$ ,  $\leq 5$  seconds. If you must use manual welding, should use the melted solder to contact lead, and the electric soldering iron power should be less than or equal to 25W, temperature should be less than  $300^{\circ}\text{C}$ , welding time should be less than 3 seconds, can not use electric iron contact the product lead directly, and in particular, can not contact the product ontology directly. Recommended profile conditions for convection and IR reflow reflect the profile conditions of the IPC/J-STD-020D standard for moisture sensitivity testing

## PACKAGE

- Standard package is in Bulk Polybag, see page 5.
- Option package is In Paper Tape AMMO (complied IEC286-2 standard)



| Symbol | Dimension      | Symbol | Dimension |          |
|--------|----------------|--------|-----------|----------|
| P      | 12.7±1.0       | D      | 4.0±0.2   |          |
| P0     | 12.7±0.3       | T      | 0.5±0.2   |          |
| W      | 18 (+1,-0.5)   | Δh     | 0±2.0     |          |
|        |                | H      | 16±0.5    |          |
| W0     | 13             | S      | 2.54±0.5  | 5.08±0.7 |
| H2     | 9 (+0.75,-0.5) | P1     | 5.10±0.5  | 3.85±0.7 |
| W2     | 0 (+1,0)       | P2     | 6.35±0.4  |          |
| H1     | 32.5 Max.      | ΔP     | ±1.3 Max. |          |

## IMPORTANT NOTES AND DISCLAIMER

1. **ROHS COMPLIANCE:** The levels of RoHS restricted materials in this product are below the maximum concentration values (also referred to as the threshold limits) permitted for such substances, or are used in an exempted application, in accordance with EU RoHS Directive (EU) 2015/863 EC (RoHS3). RoHS Test Report for this product can be obtained at Download Center.
2. **REACH COMPLIANCE:** REACH substances of high concern (SVHCs) information is available for this product. Since the European Chemical Agency (ECHA) has published notice of their intent to frequently revise the SVHC listing for the foreseeable future, REACH Test Report for this product can be obtained at Download Center.
3. All Product parametric performance is indicated in the Electrical Characteristics for the listed herein test conditions, unless otherwise noted. Product performance may not be indicated by the Electrical Characteristics if operated under different conditions.
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