## KEMET Part Number: T520C107M010ATE025



**General Information** 

KEMET

T520

SMD Chip

Low ESR

Yes

Tin

100 uF

20%

**Specifications** 

**Polymer Tantalum** 

SMD, Polymer, Molded, Low

ESR, Non-Combustible

Supplier:

Series:

Style:

**Dielectric:** 

**Description:** 

Termination:

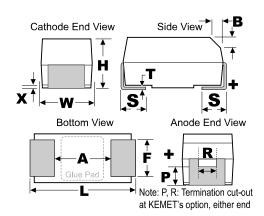
Capacitance:

**Capacitance Tolerance:** 

Features:

RoHS:

T520, Tantalum, Polymer Tantalum, 100 uF, 20%, 10 V, 6032, SMD, Polymer, Molded, Low ESR, Non-Combustible, 25 mOhms, Height Max = 2.8mm



| Dimensions       |                 |  |  |
|------------------|-----------------|--|--|
| Footprint        | 6032            |  |  |
| L                | 6mm +/-0.3mm    |  |  |
| W                | 3.2mm +/-0.3mm  |  |  |
| Н                | 2.5mm +/-0.3mm  |  |  |
| Т                | 0.13mm REF      |  |  |
| S                | 1.3mm +/-0.3mm  |  |  |
| F                | 2.2mm +/-0.1mm  |  |  |
| Α                | 2.9mm MIN       |  |  |
| В                | 0.5mm +/-0.15mm |  |  |
| Р                | 0.9mm REF       |  |  |
| R                | 1mm REF         |  |  |
| X 0.1mm +/-0.1mm |                 |  |  |

| 511111 +/-0.311111 | ļ | Voltage DC:         | 10 VDC (105C)               |
|--------------------|---|---------------------|-----------------------------|
| 2mm +/-0.3mm       |   | Temperature Range:  | -55/+105C                   |
| 5mm +/-0.3mm       |   |                     |                             |
| 0.13mm REF         |   | Dissipation Factor: | 8% 120Hz 25C                |
|                    |   | Failure Rate:       | N/A                         |
| 3mm +/-0.3mm       | ļ | Resistance:         | 25 mOhms (100kHz 25C)       |
| 2mm +/-0.1mm       |   |                     | 2600 mAmps (100kHz 45C),    |
| 2.9mm MIN          |   | Current:            | 1820 mAmps (85C), 650 mAmps |
| 5mm +/-0.15mm      |   |                     | (105C)                      |
| 0.9mm REF          |   | Leakage Current:    | 100 uA (5min 25C)           |
| 1                  |   |                     |                             |

| Packaging Specifications |            |  |  |
|--------------------------|------------|--|--|
| Weight:                  | 184.14 mg  |  |  |
| Packaging:               | T&R, 178mm |  |  |
| Packaging Quantity:      | 500        |  |  |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

