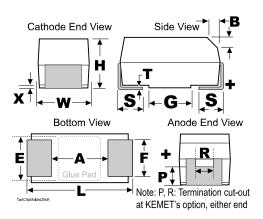
## **KEMET Part Number: T491C106M020AT**

(B45196H4106M309)



Tantalum, MnO2 Tantalum, T491, 10 uF, 20%, 20 V, 6032, SMD, MnO2, Molded, 1.6 Ohms, 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 |  |
| E          | 2.4mm REF       |  |
| G          | 2.8mm REF       |  |
| Р          | 0.9mm REF       |  |
| R          | 1mm REF         |  |
| Х          | 0.1mm +/-0.1mm  |  |

| Packaging Specifications |            |  |
|--------------------------|------------|--|
| Weight:                  | 224.48 mg  |  |
| Packaging:               | T&R, 178mm |  |
| Packaging Quantity:      | 500        |  |

| General Information |                   |
|---------------------|-------------------|
| Dielectric:         | MnO2 Tantalum     |
| Style:              | SMD Chip          |
| Series:             | T491              |
| Description:        | SMD, MnO2, Molded |
| RoHS:               | Yes               |
| Termination:        | Tin               |

| Specifications         |  |  |
|------------------------|--|--|
| Capacitance:           | 10 uF  |  |
| Capacitance Tolerance: | 20%  |  |
| Voltage DC:            | 20 VDC (85C), 13.4 VDC (125C)                                      |  |
| Temperature Range:     | -55/+125C  |  |
| Dissipation Factor:    | 6% 120Hz 20C   |  |
| Failure Rate:          | N/A  |  |
| Resistance:            | 1.6 Ohms (100kHz)  |  |
| Current:               | 247 mAmps (100kHz 25C),<br>222.3 mAmps (85C), 98.8<br>mAmps (125C) |  |
| Leakage Current:       | 2 uAmps (5min 20C)   |  |

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