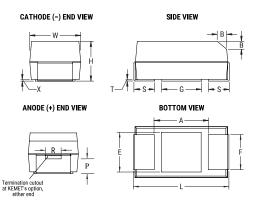
## KEMET Part Number: T494C106K020AT



T494, Tantalum, MnO2 Tantalum, 10 uF, 10%, 20 VDC, SMD, MnO2, Molded, Low ESR, 500 mOhms, 6032, 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 |                            |  |
|---------------------|----------------------------|--|
| Supplier:           | KEMET                      |  |
| Series:             | T494                       |  |
| Dielectric:         | MnO2 Tantalum              |  |
| Style:              | SMD Chip                   |  |
| Description:        | SMD, MnO2, Molded, Low ESR |  |
| Features:           | Low ESR                    |  |
| RoHS:               | Yes                        |  |
| Termination:        | Tin                        |  |
| Shelf Life:         | 156 Weeks                  |  |
| MSL:                | 1                          |  |

| Specifications         |   |
|------------------------|---|
| Capacitance:           | 10 uF   |
| Capacitance Tolerance: | 10%   |
| Voltage DC:            | 20 VDC (85C), 13.4 VDC (125C)                                       |
| Temperature Range:     | -55/+125C   |
| Rated Temperature:     | 85C   |
| Dissipation Factor:    | 6.00% 120Hz 20C   |
| Failure Rate:          | N/A   |
| Resistance:            | 0.5 Ohms (100kHz)   |
| Ripple Current:        | 469 mAmps (100kHz 25C),<br>422.1 mAmps (85C), 187.6<br>mAmps (125C) |
| Leakage Current:       | 2 uA (5min 20C)   |

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