

**KEMET Part Number: T494C156M020AT**  
(T494C156M020AS, T494C156M020ATTR)

Tantalum, MnO2 Tantalum, KEMET, T494, 15 uF, 20%, 20 V, 6032, SMD, MnO2, Molded, Low ESR, 400 mOhms, 2.8mm



| General Information |                            |
|---------------------|----------------------------|
| <b>Dielectric:</b>  | MnO2 Tantalum              |
| <b>Style:</b>       | SMD Chip                   |
| <b>Supplier:</b>    | KEMET                      |
| <b>Series:</b>      | T494                       |
| <b>Description:</b> | SMD, MnO2, Molded, Low ESR |
| <b>Features:</b>    | Low ESR                    |
| <b>RoHS:</b>        | Yes                        |
| <b>Termination:</b> | Tin                        |

| Dimensions       |                 |
|------------------|-----------------|
| <b>Footprint</b> | 6032            |
| <b>L</b>         | 6mm +/-0.3mm    |
| <b>W</b>         | 3.2mm +/-0.3mm  |
| <b>H</b>         | 2.5mm +/-0.3mm  |
| <b>T</b>         | 0.13mm REF      |
| <b>S</b>         | 1.3mm +/-0.3mm  |
| <b>F</b>         | 2.2mm +/-0.1mm  |
| <b>A</b>         | 2.9mm MIN       |
| <b>B</b>         | 0.5mm +/-0.15mm |
| <b>E</b>         | 2.4mm REF       |
| <b>G</b>         | 2.8mm REF       |
| <b>P</b>         | 0.9mm REF       |
| <b>R</b>         | 1mm REF         |
| <b>X</b>         | 0.1mm +/-0.1mm  |

| Specifications                |  |
|-------------------------------|--|
| <b>Capacitance:</b>           | 15 uF  |
| <b>Capacitance Tolerance:</b> | 20%  |
| <b>Voltage DC:</b>            | 20 VDC (85C), 13.4 VDC (125C)                          |
| <b>Temperature Range:</b>     | -55/+125C  |
| <b>Dissipation Factor:</b>    | 6%   |
| <b>Failure Rate:</b>          | N/A  |
| <b>Resistance:</b>            | 0.4 Ohms (100kHz)                                      |
| <b>Current:</b>               | 524 mAmps (25C), 471.6 mAmps (85C), 209.6 mAmps (125C) |
| <b>Leakage:</b>               | 3 uAmps  |

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

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