



Click [here](#) for the 3D model.

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

| Packaging Specifications |            |
|--------------------------|------------|
| Packaging                | T&R, 178mm |
| Packaging Quantity       | 500        |

| General Information      |                            |
|--------------------------|----------------------------|
| Series                   | T495                       |
| Dielectric               | MnO2 Tantalum              |
| Style                    | SMD Chip                   |
| Description              | SMD, MnO2, Molded, Low ESR |
| Features                 | Low ESR                    |
| RoHS                     | Yes                        |
| Termination              | Tin                        |
| AEC-Q200                 | No                         |
| Typical Component Weight | 224.48 mg                  |
| Shelf Life               | 156 Weeks                  |
| MSL                      | 1                          |

| Specifications        |   |
|-----------------------|---|
| Capacitance           | 22 uF   |
| Capacitance Tolerance | 20%   |
| Voltage DC            | 10 VDC (85C), 6.7 VDC (125C)  |
| Temperature Range     | -55/+125°C  |
| Rated Temperature     | 85°C  |
| Dissipation Factor    | 6% 120Hz 25C  |
| Failure Rate          | N/A   |
| ESR                   | 200 mOhms (100kHz 25C)  |
| Ripple Current        | 742 mA (rms, 100kHz 25C), 667.8 mA (rms, 85C), 296.8 mA (rms, 125C) |
| Leakage Current       | 2.2 uA (5min 25°C)  |