

## T495C226K016ATE350

T495, Tantalum, MnO2 Tantalum, 22 uF, 10%, 16 VDC, SMD, MnO2, Molded, Low ESR, 350 mOhms, 6032, Height Max =  $2.8 \, \mathrm{mm}$ 



Click here for the 3D model.

| 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  |
| A          | 2.9mm MIN       |
| В          | 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                         |
| Component Weight    | 224.48 mg                  |
| Shelf Life          | 156 Weeks                  |
| MSL                 | 1                          |

| Specifications           |                                                                     |
|--------------------------|---------------------------------------------------------------------|
| Capacitance              | 22 uF                                                               |
| Capacitance<br>Tolerance | 10%                                                                 |
| Voltage DC               | 16 VDC (85C), 10.72 VDC (125C)                                      |
| Temperature<br>Range     | -55/+125°C                                                          |
| Rated<br>Temperature     | 85°C                                                                |
| Dissipation Factor       | 6% 120Hz 25C                                                        |
| Failure Rate             | N/A                                                                 |
| Resistance               | 350 mOhms (100kHz 25C)                                              |
| Ripple Current           | 561 mA (rms, 100kHz 25C), 504.9 mA (rms, 85C), 224.4 mA (rms, 125C) |
| Leakage Current          | 3.5 uA (5min 25°C)                                                  |

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