

T494, Tantalum, MnO2 Tantalum, 2.2 uF, 10%, 16 VDC, SMD, MnO2, Molded, Low ESR, 4 Ohms, 3216, Height Max = 1.8mm



| General Information |                            |
|---------------------|----------------------------|
| Series:             | T494                       |
| Dielectric:         | MnO2 Tantalum              |
| Style:              | SMD Chip                   |
| Description:        | SMD, MnO2, Molded, Low ESR |
| Features:           | Low ESR                    |
| RoHS:               | Yes                        |
| Termination:        | Tin                        |
| AEC-Q200:           | No                         |
| Component Weight:   | 58.6 mg                    |
| Shelf Life:         | 156 Weeks                  |
| MSL:                | 1                          |

| Dimensions |                   |
|------------|-------------------|
| Footprint  | 3216              |
| L          | 3.2mm +/-0.2mm    |
| W          | 1.6mm +/-0.2mm    |
| H          | 1.6mm +/-0.2mm    |
| T          | 0.13mm REF        |
| S          | 0.8mm +0.2/-0.3mm |
| F          | 1.2mm +/-0.1mm    |
| A          | 1.2mm MIN         |
| B          | 0.4mm +/-0.15mm   |
| E          | 1.3mm REF         |
| G          | 1.1mm REF         |
| P          | 0.4mm REF         |
| R          | 0.4mm REF         |
| X          | 0.1mm +/-0.1mm    |

| Specifications         |  |
|------------------------|--|
| Capacitance:           | 2.2 uF   |
| Capacitance Tolerance: | 10%  |
| Voltage DC:            | 16 VDC (85C), 10.72 VDC (125C)                                     |
| Temperature Range:     | -55/+125°C   |
| Rated Temperature:     | 85°C   |
| Dissipation Factor:    | 6% 120Hz 25C   |
| Failure Rate:          | N/A  |
| Resistance:            | 4 Ohms (100kHz 25C)  |
| Ripple Current:        | 137 mA (rms, 100kHz 25C), 123.3 mA (rms, 85C), 54.8 mA (rms, 125C) |
| Leakage Current:       | 0.5 uA (5min 25°C)   |

| Packaging Specifications |            |
|--------------------------|------------|
| Packaging:               | T&R, 178mm |
| Packaging Quantity:      | 2000       |

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