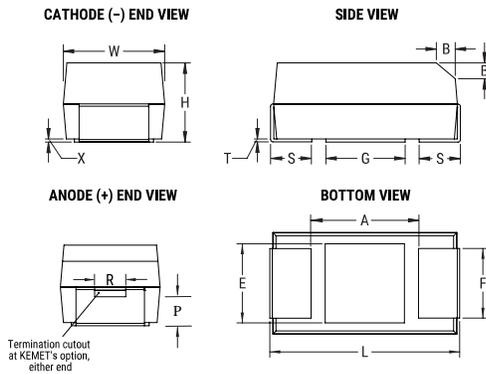


T489, Tantalum, MnO2 Tantalum, 100 uF, 10%, 16 VDC, SMD, MnO2, Molded, Low Leakage, 440 mOhms, 7343, Height Max = 3.1mm



| General Information |                                |
|---------------------|--------------------------------|
| Series:             | T489                           |
| Dielectric:         | MnO2 Tantalum                  |
| Style:              | SMD Chip                       |
| Description:        | SMD, MnO2, Molded, Low Leakage |
| Features:           | Low Leakage                    |
| RoHS:               | Yes                            |
| Termination:        | Tin                            |
| Shelf Life:         | 156 Weeks                      |
| MSL:                | 1                              |

| Dimensions |                 |
|------------|-----------------|
| Footprint  | 7343            |
| L          | 7.3mm +/-0.3mm  |
| W          | 4.3mm +/-0.3mm  |
| H          | 2.8mm +/-0.3mm  |
| T          | 0.13mm REF      |
| S          | 1.3mm +/-0.3mm  |
| F          | 2.4mm +/-0.1mm  |
| A          | 3.8mm MIN       |
| B          | 0.5mm +/-0.15mm |
| E          | 3.5mm REF       |
| G          | 3.5mm REF       |
| P          | 0.9mm REF       |
| R          | 1mm REF         |
| X          | 0.1mm +/-0.1mm  |

| Specifications         |                                |
|------------------------|--------------------------------|
| Capacitance:           | 100 uF                         |
| Capacitance Tolerance: | 10%                            |
| Voltage DC:            | 16 VDC (85C), 10.72 VDC (125C) |
| Temperature Range:     | -55/+125C                      |
| Rated Temperature:     | 85°C                           |
| Dissipation Factor:    | 6.00% 120Hz 25C                |
| Failure Rate:          | N/A                            |
| Resistance:            | 440 mOhms (100kHz)             |
| Leakage Current:       | 12 uA (5min 25C)               |

| Packaging Specifications |            |
|--------------------------|------------|
| Weight:                  | 446.84 mg  |
| Packaging:               | T&R, 178mm |
| Packaging Quantity:      | 500        |

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