

Tantalum, MnO2 Tantalum, Consumer, T490, 150 uF, 20%, 10 V, 3528, SMD, MnO2, Molded, Consumer, 500 mOhms, Height Max = 2.1mm



| General Information |                             |
|---------------------|-----------------------------|
| <b>Dielectric:</b>  | MnO2 Tantalum               |
| <b>Style:</b>       | SMD Chip                    |
| <b>Series:</b>      | T490                        |
| <b>Description:</b> | SMD, MnO2, Molded, Consumer |
| <b>RoHS:</b>        | Yes                         |
| <b>Termination:</b> | Tin                         |

| Specifications                |   |
|-------------------------------|---|
| <b>Capacitance:</b>           | 150 uF  |
| <b>Capacitance Tolerance:</b> | 20%   |
| <b>Voltage DC:</b>            | 10 VDC (40C), 5 VDC (85C), 2 VDC (125C)                       |
| <b>Temperature Range:</b>     | -55/+125C   |
| <b>Failure Rate:</b>          | N/A   |
| <b>Resistance:</b>            | 0.5 Ohms (100kHz)   |
| <b>Current:</b>               | 412 mAmps (100kHz 25C), 370.8 mAmps (40C), 164.8 mAmps (125C) |
| <b>Leakage Current:</b>       | 15 uAmps (5min 20C)   |

| Dimensions       |                   |
|------------------|-------------------|
| <b>Footprint</b> | 3528              |
| <b>L</b>         | 3.5mm +/-0.2mm    |
| <b>W</b>         | 2.8mm +/-0.2mm    |
| <b>H</b>         | 1.9mm +/-0.2mm    |
| <b>T</b>         | 0.13mm REF        |
| <b>S</b>         | 0.8mm +0.1/-0.3mm |
| <b>F</b>         | 2.2mm +/-0.1mm    |
| <b>A</b>         | 1.9mm MIN         |
| <b>B</b>         | 0.4mm +/-0.15mm   |
| <b>E</b>         | 2.2mm REF         |
| <b>G</b>         | 1.8mm REF         |
| <b>P</b>         | 0.5mm REF         |
| <b>R</b>         | 1mm REF           |
| <b>X</b>         | 0.1mm +/-0.1mm    |

| Packaging Specifications   |            |
|----------------------------|------------|
| <b>Weight:</b>             | 107.45 mg  |
| <b>Packaging:</b>          | T&R, 178mm |
| <b>Packaging Quantity:</b> | 2000       |

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