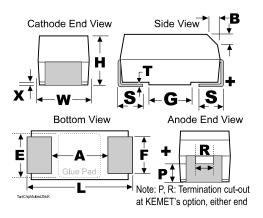
KEMET Part Number: T490A107M006ATE800



Tantalum, MnO2 Tantalum, Consumer, T490, 100 uF, 20%, 6.3 V, 3216, SMD, MnO2, Molded, Consumer, 800 mOhms, Height Max = 1.8mm



| Dimensions | | |
|------------|-------------------|--|
| Footprint | 3216 | |
| L | 3.2mm +/-0.2mm | |
| W | 1.6mm +/-0.2mm | |
| Н | 1.6mm +/-0.2mm | |
| Т | 0.13mm REF | |
| S | 0.8mm +0.2/-0.3mm | |
| F | 1.2mm +/-0.1mm | |
| Α | 1.2mm MIN | |
| В | 0.4mm +/-0.15mm | |
| E | 1.3mm REF | |
| G | 1.1mm REF | |
| P | 0.4mm REF | |
| R | 0.4mm REF | |
| Х | 0.1mm +/-0.1mm | |

| Packaging Specifications | | |
|--------------------------|------------|--|
| Weight: | 58.6 mg | |
| Packaging: | T&R, 178mm | |
| Packaging Quantity: | 2000 | |

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

| Specifications | | |
|------------------------|---|--|
| Capacitance: | 100 uF | |
| Capacitance Tolerance: | 20% | |
| Voltage DC: | 6.3 VDC (40C), 3.15 VDC (85C), 1.26 VDC (125C) | |
| Temperature Range: | -55/+125C | |
| Failure Rate: | N/A | |
| Resistance: | 0.8 Ohms (100kHz) | |
| Current: | 306 mAmps (100kHz 25C), 275.4 mAmps (40C), 122.4 mAmps (125C) | |
| Leakage Current: | 6 uAmps (5min 20C) | |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

