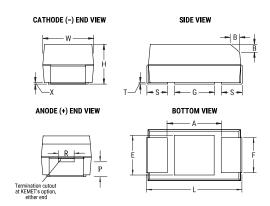
KEMET Part Number: T493A106M010CH622A



T493 Space, Tantalum, MnO2 Tantalum, Space, 10 uF, 20%, 10 VDC, SMD, MnO2, Molded, Aerospace, C (0.01%/1000 Hrs), 1.8 Ohms, 3216, 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 +/-0.3mm |
| F | 1.2mm +/-0.1mm |
| Α | 1.4mm MIN |
| В | 0.4mm +/-0.15mm |
| E | 1.3mm REF |
| G | 1.1mm REF |
| K | 0.7mm MIN |
| Р | 0.35mm MIN |
| R | 0.4mm REF |
| Х | 0.1mm +/-0.1mm |

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

| General Information | | |
|---------------------|--|--|
| Series: | T493 Space | |
| Dielectric: | MnO2 Tantalum | |
| Style: | SMD Chip | |
| Description: | SMD, MnO2, Molded, Aerospace | |
| Features: | Aerospace | |
| RoHS: | No | |
| Prop 65: | WARNING: Cancer and reproductive harm - www.p65warnings.ca.gov. | |
| Termination: | Solder Coated | |
| AEC-Q200: | No | |
| Component Weight: | 58.97 mg | |
| Notes: | P and R dimensions represents the minimum solderable area of the termination surface entirely below cutout (if one is present). | |

| Specifications | | |
|--------------------------|--|--|
| Capacitance: | 10 uF | |
| Capacitance Tolerance: | 20% | |
| Voltage DC: | 10 VDC (85C), 6.7 VDC (125C) | |
| Temperature Range: | -55/+125°C | |
| Rated Temperature: | 85°C | |
| Dissipation Factor: | 6% 120Hz 20C | |
| Failure Rate: | C (0.01%/1000 Hrs) | |
| Resistance: | 1.8 Ohms (100kHz 20C) | |
| Leakage Current: | 1 uA (5min 20°C) | |
| Testing and Reliability: | 10 Cycles Surge Current Testing At +25C After Weibull; Additional Testing Option A | |

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.



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