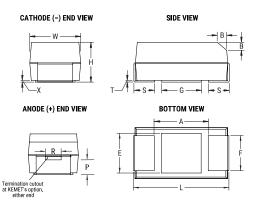
KEMET Part Number: T493D107K010CH642C



T493 Space, Tantalum, MnO2 Tantalum, Space, 100 uF, 10%, 10 VDC, SMD, MnO2, Molded, Aerospace, C (0.01%/1000 Hrs), 100 mOhms, 7343, Height Max = 3.1mm



| Dimensions | |
|------------|-----------------|
| Footprint | 7343 |
| L | 7.3mm +/-0.3mm |
| W | 4.3mm +/-0.3mm |
| Н | 2.8mm +/-0.3mm |
| Т | 0.13mm REF |
| S | 1.3mm +/-0.3mm |
| F | 2.4mm +/-0.1mm |
| А | 3.8mm MIN |
| В | 0.5mm +/-0.15mm |
| E | 3.5mm REF |
| G | 3.5mm REF |
| K | 1mm MIN |
| Р | 0.5mm MIN |
| R | 1mm REF |
| Х | 0.1mm +/-0.1mm |

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

| 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 - <u>www.p65warnings.ca.gov</u> . |
| Termination: | Solder Coated |
| AEC-Q200: | No |
| Component Weight: | 412.33 mg |
| Notes: | P and R dimensions represents the minimum solderable area of the termination surface entirely below cutout (if one is present). |

| Specifications | |
|--------------------------|--|
| Capacitance: | 100 uF |
| Capacitance Tolerance: | 10% |
| Voltage DC: | 10 VDC (85C), 6.7 VDC (125C) |
| Temperature Range: | -55/+125°C |
| Rated Temperature: | 85°C |
| Dissipation Factor: | 8% 120Hz 20C |
| Failure Rate: | C (0.01%/1000 Hrs) |
| Resistance: | 0.1 Ohms (100kHz 20C) |
| Leakage Current: | 10 uA (5min 20°C) |
| Testing and Reliability: | 10 Cycles Surge Testing At -55C And +85C Before Weibull; Additional Testing Option C |

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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