KEMET Part Number: T493B226K010CH641B



T493 Space, Tantalum, MnO2 Tantalum, Space, 22 uF, 10%, 10 VDC, SMD, MnO2, Molded, Aerospace, C (0.01%/1000 Hrs), 3 Ohms, 3528, Height Max = 2.1mm

| Dimensions | |
|------------|-----------------|
| Footprint | 3528 |
| L | 3.5mm +/-0.2mm |
| W | 2.8mm +/-0.2mm |
| Н | 1.9mm +/-0.2mm |
| Т | 0.13mm REF |
| S | 0.8mm +/-0.3mm |
| F | 2.2mm +/-0.1mm |
| Α | 2.1mm MIN |
| В | 0.4mm +/-0.15mm |
| E | 2.2mm REF |
| G | 1.8mm REF |
| К | 0.7mm MIN |
| Р | 0.35mm MIN |
| R | 1mm 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. | |
| SCIP Number: | 1dd2e1b8-26dd-4d52-927c-6f9d5 | 19011aa |
| Termination: | Solder Coated | |
| AEC-Q200: | No | |
| Component Weight: | 102.3 mg | |
| Notes: | P and R dimensions represents the minimum solderable area of the termination surface entirely below cutout (if one is present). | |

| Specifications | | |
|--------------------------|--------------------------------------------------------------------------------------------|--|
| Capacitance: | 22 uF | |
| Capacitance Tolerance: | 10% | |
| 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: | 3 Ohms (100kHz 20C) | |
| Leakage Current: | 2.2 uA (5min 20°C) | |
| Testing and Reliability: | 10 Cycles Surge Testing At -55C And +85C Before Weibull; Additional Testing Option B | |

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