

KEMET Part Number: CWR29KC226KCXB
(T429X226K025CC4251)



T429 CWR29, Tantalum, MnO2 Tantalum, Military/High Reliability, 22 uF, 10%, 25 VDC, SMD, MnO2, Molded, Military Equivalent, Low ESR, C (0.01%/1000 Hrs), 160 mOhms, 6954, Height Max = 3.12mm



| Dimensions | |
|------------|----------------------|
| Footprint | 6954 |
| L | 6.93mm +/-0.38mm |
| W | 5.41mm +/-0.38mm |
| H | 2.74mm +/-0.38mm |
| S | 1.19mm +0.25/-0.13mm |
| F | 3.05mm +/-0.13mm |
| K | 1.22mm MIN |
| P | 0.61mm MIN |

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

| General Information | |
|---------------------|--|
| Series: | T429 CWR29 |
| Dielectric: | MnO2 Tantalum |
| Style: | SMD Chip |
| Description: | SMD, MnO2, Molded, Military Equivalent, Low ESR |
| RoHS: | No |
| Prop 65: | WARNING: Cancer and reproductive harm - www.p65warnings.ca.gov . |
| SCIP Number: | 652b281f-d242-4453-bc44-0655d646cec3 |
| Termination: | Hot Solder Dipped |
| Qualifications: | MIL-PRF-55365/11, CWR29 Style |
| AEC-Q200: | No |
| Component Weight: | 590.44 mg |
| Notes: | Note: When Option C Is Selected For Lead Material, Add An Additional 0.38mm To The Tolerances For "L", "W", "H", "K", "F" And "S". |
| MSL: | 1 |

| Specifications | |
|--------------------------|--|
| Capacitance: | 22 uF |
| Capacitance Tolerance: | 10% |
| Voltage DC: | 25 VDC (85C), 16.75 VDC (125C) |
| Temperature Range: | -55/+125°C |
| Rated Temperature: | 85°C |
| Dissipation Factor: | 6% 120Hz 25C |
| Failure Rate: | C (0.01%/1000 Hrs) |
| Resistance: | 0.16 Ohms (100kHz 25C) |
| Leakage Current: | 6 uA (5min 25°C) |
| Testing and Reliability: | Surge Testing At -55C And +85C After Weibull |

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