

T429 CWR29, Tantalum, MnO2 Tantalum, Military/High Reliability, 150 uF, 10%, 10 VDC, SMD, MnO2, Molded, Military Equivalent, Low ESR, T, 100 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:               | Waffle |

| 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 - <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a> .                       |
| SCIP Number:        | 1dd2e1b8-26dd-4d52-927c-6f9d519011aa                                                                                               |
| Termination:        | Solder Coated                                                                                                                      |
| 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:             | 150 uF                        |
| Capacitance Tolerance:   | 10%                           |
| Voltage DC:              | 10 VDC (85C), 6.67 VDC (125C) |
| Temperature Range:       | -55/+125°C                    |
| Rated Temperature:       | 85°C                          |
| Dissipation Factor:      | 10% 120Hz 25C                 |
| Failure Rate:            | T                             |
| Resistance:              | 0.1 Ohms (100kHz 25C)         |
| Leakage Current:         | 15 uA (5min 25°C)             |
| Testing and Reliability: | Weibull Grade Level T         |

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