

KEMET Part Number: CWR29HC106KDFA
(T429F106K015DC4250)



T429 CWR29, Tantalum, MnO2 Tantalum, Military/High Reliability, 10 uF, 10%, 15 VDC, SMD, MnO2, Molded, Military Equivalent, Low ESR, D (0.001%/1000 Hrs), 667 mOhms, 5634, Height Max = 2.16mm



| Dimensions | |
|------------|----------------------|
| Footprint | 5634 |
| L | 5.59mm +/-0.38mm |
| W | 3.43mm +/-0.38mm |
| H | 1.78mm +/-0.38mm |
| S | 0.76mm +0.25/-0.13mm |
| F | 3.3mm +/-0.13mm |
| K | 1.02mm MIN |
| P | 0.51mm 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: | 173.63 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: | 10 uF |
| Capacitance Tolerance: | 10% |
| Voltage DC: | 15 VDC (85C), 10 VDC (125C) |
| Temperature Range: | -55/+125°C |
| Rated Temperature: | 85°C |
| Dissipation Factor: | 6% 120Hz 25C |
| Failure Rate: | D (0.001%/1000 Hrs) |
| Resistance: | 0.667 Ohms (100kHz 25C) |
| Leakage Current: | 2 uA (5min 25°C) |
| Testing and Reliability: | Surge Testing At 25C After Weibull |

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