KEMET Part Number: T429H476K020THTLVL7640



T429 CWR29, Tantalum, MnO2 Tantalum, Military/High Reliability, 47 uF, 10%, 20 VDC, SMD, MnO2, Molded, Military Equivalent, Low ESR, T, 200 mOhms, 7238, Height Max = 3.17mm



| Dimensions | | |
|------------|----------------------|--|
| Footprint | 7238 | |
| L | 7.24mm +/-0.38mm | |
| W | 3.81mm +/-0.38mm | |
| Н | 2.79mm +/-0.38mm | |
| S | 1.27mm +0.25/-0.13mm | |
| F | 3.68mm +0.13/-0.51mm | |
| K | 1.52mm MIN | |
| Р | 0.76mm MIN | |

| Packaging Specifications | | |
|--------------------------|------------------|--|
| Packaging: | Bulk Plastic Box | |

| 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: | 1dd2e1b8-26dd-4d52-927c-6f9d5 | 19011aa |
| Termination: | Solder Coated | |
| Qualifications: | MIL-PRF-55365/11, CWR29 Style | |
| AEC-Q200: | No | |
| Component Weight: | 349.01 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: | 47 uF | |
| Capacitance Tolerance: | 10% | |
| Voltage DC: | 20 VDC (85C), 13.4 VDC (125C) | |
| Temperature Range: | -55/+125°C | |
| Rated Temperature: | 85°C | |
| Dissipation Factor: | 8% 120Hz 25C | |
| Failure Rate: | Т | |
| Resistance: | 0.2 Ohms (100kHz 25C) | |
| Leakage Current: | 10 uA (5min 25°C) | |
| Testing and Reliability: | Weibull Grade Level T | |

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