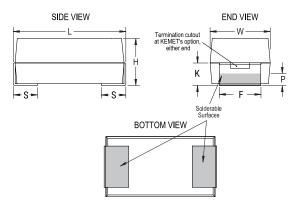
## KEMET Part Number: T492C155M035TCTLVLWAFL



T492 CWR11, Tantalum, MnO2 Tantalum, Military/High Reliability, 1.5 uF, 20%, 35 VDC, SMD, MnO2, Molded, Military Equivalent, T, 4.5 Ohms, 6032, Height Max = 2.8mm



| Dimensions |                |  |
|------------|----------------|--|
| Footprint  | 6032           |  |
| L          | 6mm +/-0.3mm   |  |
| W          | 3.2mm +/-0.3mm |  |
| Н          | 2.5mm +/-0.3mm |  |
| S          | 1.3mm +/-0.3mm |  |
| F          | 2.2mm +/-0.1mm |  |
| K          | 1mm MIN        |  |
| Р          | 0.5mm MIN      |  |

| Packaging Specifications |        |
|--------------------------|--------|
| Packaging:               | Waffle |

| General Information |   |
|---------------------|---|
| Series:             | T492 CWR11  |
| Dielectric:         | MnO2 Tantalum   |
| Style:              | SMD Chip  |
| Description:        | SMD, MnO2, Molded, Military<br>Equivalent   |
| RoHS:               | No  |
| Prop 65:            | WARNING: Cancer and reproductive harm - www.p65warnings.ca.gov.   |
| SCIP Number:        | 652b281f-d242-4453-<br>bc44-0655d646cec3  |
| Termination:        | Hot Solder Dipped   |
| Qualifications:     | MIL-PRF-55365/8, CWR11 Style  |
| AEC-Q200:           | No  |
| Component Weight:   | 224.2 mg  |
| Notes:              | Note: When Option C Is Selected<br>For Lead Material, Add An<br>Additional 0.38mm To The<br>Tolerances For "L", "W", "H",<br>"K","F" And "S". |
| MSL:                | 1   |

| Specifications           |                                |  |
|--------------------------|--------------------------------|--|
| Capacitance:             | 1.5 uF                         |  |
| Capacitance Tolerance:   | 20%                            |  |
| Voltage DC:              | 35 VDC (85C), 23.45 VDC (125C) |  |
| Temperature Range:       | -55/+125°C                     |  |
| Rated Temperature:       | 85°C                           |  |
| Dissipation Factor:      | 6% 120Hz 25C                   |  |
| Failure Rate:            | Т                              |  |
| Resistance:              | 4.5 Ohms (100kHz 25C)          |  |
| Leakage Current:         | 0.5 uA (5min 25°C)             |  |
| Testing and Reliability: | Weibull Grade Level T          |  |

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