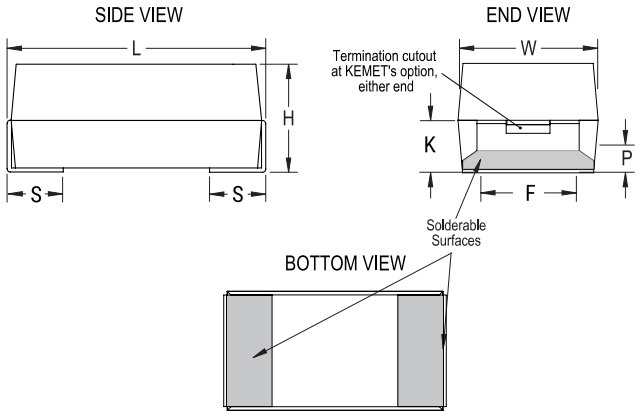
# CWR29MH105KTDC

Aliases (T429D105K035THTLVL)

T429 CWR29, Tantalum, MnO2 Tantalum, Military/High Reliability, 1 uF, 10%, 35 VDC, SMD, MnO2, Molded, Military Equivalent, Low ESR, T, 2.2 Ohms, 1.65 mm, 1510 / 3825




Click here for the 3D model.

| 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 - https://www.p65warnings.ca.gov./ |
| SCIP Number | 1dd2e1b8-26dd-4d52-927c-6f9d519011aa |
| Termination | Tin Lead (SnPb) |
| Qualifications | MIL-PRF-55365/11, CWR29 Style |
| Typical Component Weight | 264.12 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 |

| Dimensions | |
|---|---|
| L | 3.81mm +/-0.38mm |
| W | 2.54mm +/-0.38mm |
| H | 1.27mm +/-0.38mm |
| S | 0.76mm +0.25/-0.13mm |
| F | 2.41mm +0.13/-0.25mm |
| K | 0.76mm MIN |
| P | 0.38mm MIN |

| Packaging Specifications | |
|---|---|
| Packaging | T&R, 178mm |
| Packaging Quantity | 2500 |

| Specifications | |
|---|---|
| Capacitance | 1 uF |
| Tolerance | 10% |
| 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 | T |
| ESR | 2.2 Ohms (100kHz 25C) |
| Ripple Current | 191 mA (rms, 100kHz 25C) |
| Leakage Current | 1 uA (5min 25°C) |
| Testing and Reliability | Surge Testing (10 Cycles At -55C +/-5C And +85C +/-5C Before Weibull, Weibull Grade Level "T") |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.



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