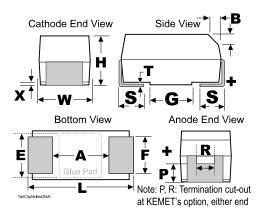
KEMET Part Number: T502D106K025AG62107280



Capacitor, Tantalum, 10 uF, 7343, +/-10% Tol, -55/+230C, 25 VDC (85C), Failure Rate=N/A



| General Information | | |
|------------------------|--|--|
| Supplier: | KEMET | |
| Application: | High Temperature | |
| Sub Application: | (230C) | |
| Part Type Description: | SMD, MnO2, Molded, High Temperature, 230C | |
| Construction: | Standard Chip-MnO2 | |
| Body Type: | SMD Chip | |
| Footprint: | 7343 | |
| Weight: | 292 mg | |
| RoHS: | Yes | |

| Dimensions (mm) | | | |
|-----------------|-----------|-----------|--|
| Symbol | Dimension | Tolerance | |
| L | 7.3 | +/-0.3 | |
| W | 4.3 | +/-0.3 | |
| Н | 2.8 | +/-0.3 | |
| F | 2.4 | +/-0.1 | |
| S | 1.3 | +/-0.3 | |
| В | 0.5 | +/-0.15 | |
| Х | 0.1 | +/-0.1 | |
| Р | 0.9 | REF | |
| R | 1 | REF | |
| Т | 0.13 | REF | |
| Α | 3.6 | MIN | |

| Specifications | | |
|-------------------------|--|--|
| Capacitance: | 10 uF | |
| Tolerance: | +/-10% | |
| Voltage: | 25 VDC (85C) | |
| Voltage: | 10.6 VDC (125C) | |
| Voltage: | 5 VDC (230C) | |
| Temperature Range: | -55/+230C | |
| Testing: | 10 Cycles Surge Current Testing At +25C After Weibull | |
| Current/Ripple Current: | 913 mAmps (100kHz 45C) | |
| Resistance/ESR: | 1.8 Ohms (100kHz) | |
| Failure Rate: | N/A | |
| Leakage Current: | 2.5 uA | |
| Dissipation Factor: | 6% | |

Notes:

-In polarity stripe, at KEMET's option, type may be indicated: no symbol = Standard (or low leakage) MnO2 tantalum chip, O = LowESR T494, R = Low ESR T495, F = Fused T496, HT = 150C rated T498 (or B45196P, B45198P), H = 175C rated T499, M = Multiple anode

| Packaging Specifications | | |
|--------------------------|--------------|--|
| Package Kind: | T&R | |
| Package Size: | 13 in/330 mm | |
| Package Quantity: | 2500 | |

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.

