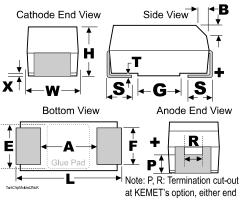
KEMET Part Number: T494B475K010AT



Capacitor, Tantalum, SMD, MnO2, Molded, Low ESR, 4.7 uF, 3528, +/-10% Tol, 10 VDC (85C)



| | | | |
|---|------------------------|----------------------------|--|
| <u> </u> | Part Type Description: | SMD, MnO2, Molded, Low ESR | |
| ͷ→ ͺϛϳͺϝϛͺ | Construction: | Standard Chip-MnO2 | |
| ttom View Anode End View | Body Type: | SMD Chip | |
| A F + R | Footprint: | 3528 | |
| | Weight: | 107.45 mg | |
| Glue Pad P | RoHS: | Yes | |
| Note: P, R: Termination cut-out at KEMET's option, either end | | | |
| | Speci | Specifications | |
| Dimensions (mm) | Capacitance: | 4.7 uF | |
| | | | |

| Dimensions (mm) | | |
|-----------------|-----------|-----------|
| Symbol | Dimension | Tolerance |
| L | 3.5 | +/-0.2 |
| W | 2.8 | +/-0.2 |
| Н | 1.9 | +/-0.2 |
| F | 2.2 | +/-0.1 |
| S | 0.8 | +0.2/-0.3 |
| В | 0.4 | +/-0.15 |
| Х | 0.1 | +/-0.1 |
| Р | 0.5 | REF |
| R | 1 | REF |
| Т | 0.13 | REF |
| A | 1.9 | MIN |
| G | 1.8 | REF |
| Е | 2.2 | REF |

| Specifications | | |
|-------------------------|-------------------|--|
| Capacitance: | 4.7 uF | |
| Tolerance: | +/-10% | |
| Voltage: | 10 VDC (85C) | |
| Voltage: | 6.7 VDC (125C) | |
| Temperature Range: | -55/+125C | |
| Current/Ripple Current: | 238 mAmps (25C) | |
| Current/Ripple Current: | 214.2 mAmps (85C) | |
| Current/Ripple Current: | 95.2 mAmps (125C) | |
| Resistance/ESR: | 1.5 Ohms (100kHz) | |
| Failure Rate: | N/A | |
| Leakage Current: | 0.5 uA | |
| Dissipation Factor: | 6% | |

General Information

KEMET

Low ESR

Supplier:

Application:

| Packaging Specifications | | | |
|--------------------------|-------------|--|--|
| Package Kind: | T&R | | |
| Package Size: | 7 in/180 mm | | |
| Package Quantity: | 2000 | | |

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.

