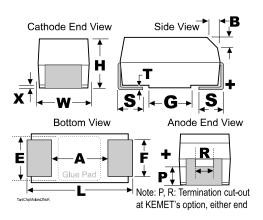
KEMET Part Number: T495C106K020ATE475



Capacitor, Tantalum, SMD, MnO2, Molded, Low ESR, 10 uF, 6032, +/-10% Tol, 20 VDC (85C)



| General Information | | |
|------------------------|----------------------------|--|
| Supplier: | KEMET | |
| Application: | Low ESR | |
| Part Type Description: | SMD, MnO2, Molded, Low ESR | |
| Construction: | Standard Chip-MnO2 | |
| Body Type: | SMD Chip | |
| Footprint: | 6032 | |
| Weight: | 224.48 mg | |
| RoHS: | Yes | |

| Dimensions (mm) | | |
|-----------------|-----------|-----------|
| Symbol | Dimension | Tolerance |
| L | 6 | +/-0.3 |
| W | 3.2 | +/-0.3 |
| Н | 2.5 | +/-0.3 |
| F | 2.2 | +/-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 | 2.9 | MIN |
| G | 2.8 | REF |
| E | 2.4 | REF |

| Specifications | | |
|-------------------------|--------------------|--|
| Capacitance: | 10 uF | |
| Tolerance: | +/-10% | |
| Voltage: | 20 VDC (85C) | |
| Voltage: | 13.4 VDC (125C) | |
| Temperature Range: | -55/+125C | |
| Current/Ripple Current: | 481 mAmps (25C) | |
| Current/Ripple Current: | 432.9 mAmps (85C) | |
| Current/Ripple Current: | 192.4 mAmps (125C) | |
| Resistance/ESR: | 475 mOhms (100kHz) | |
| Failure Rate: | N/A | |
| Leakage Current: | 2 uA | |
| Dissipation Factor: | 6% | |

| Packaging Specifications | | |
|--------------------------|-------------|--|
| Package Kind: | T&R | |
| Package Size: | 7 in/180 mm | |
| Package Quantity: | 500 | |

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.

