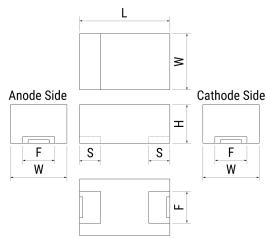


T529P476M010AAE200

Obsolete

T529, Tantalum, Polymer Tantalum, Reduced Volume, 47 uF, 20%, 10 VDC, SMD, Polymer, Substrate, 200 mOhms, 2012, 1mm



Click here for the 3D model.

| Dimensions | |
|------------|-----------------|
| Footprint | 2012 |
| L | 2mm +/-0.1mm |
| W | 1.25mm +/-0.1mm |
| Н | 1mm MAX |
| S | 0.55mm +/-0.1mm |
| F | 0.9mm +/-0.1mm |

| Packaging Specifications | |
|--------------------------|------------|
| Packaging | T&R, 178mm |
| Packaging Quantity | 3000 |

| General Information | | |
|---------------------|---|--|
| Series | T529 | |
| Dielectric | Polymer Tantalum | |
| Style | SMD Chip | |
| Description | SMD, Polymer, Substrate | |
| Features | Substrate | |
| RoHS | Yes | |
| Termination | Gold | |
| AEC-Q200 | No | |
| Miscellaneous | Not recommended for new designs. Please contact your KEMET representative for a replacement part. | |
| Shelf Life | 52 Weeks | |
| MSL | 3 | |

| Specifications | |
|--------------------------|---|
| Capacitance | 47 uF |
| Capacitance Tolerance | 20% |
| Voltage DC | 10 VDC (85C), 8 VDC (105C) |
| Temperature Range | -55/+105°C |
| Rated Temperature | 85°C |
| Life | 2000 Hrs (105C) |
| Humidity | 60C, 90% RH, 500 Hours, No Load |
| Dissipation Factor | 6% 120Hz 25C |
| Failure Rate | N/A |
| ESR | 200 mOhms (100kHz 25C) |
| Ripple Current | 354 mA (rms, 100kHz 45C), 318.6 mA (rms, 85C), 141.6 mA (rms, 105C) |
| Leakage Current | 141 uA (5min 25°C) |

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.