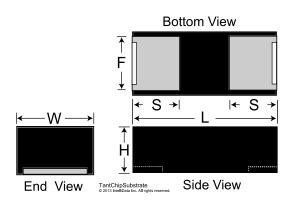
## KEMET Part Number: T529P476M006AAE200

(TEGPSP20J476M1508R)



T529, Tantalum, Polymer Tantalum, Reduced Volume, 47 uF, 20%, 6.3 VDC, SMD, Polymer, Substrate, 200 mOhms, 2012, Height Max = 1mm



| 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 |                         |
|---------------------|-------------------------|
| Supplier:           | KEMET                   |
| Series:             | T529                    |
| Dielectric:         | Polymer Tantalum        |
| Style:              | SMD Chip                |
| Description:        | SMD, Polymer, Substrate |
| Features:           | Substrate               |
| RoHS:               | Yes                     |
| Termination:        | Gold                    |
| Shelf Life:         | 52 Weeks                |
| MSL:                | 3                       |

| Specifications         |  |
|------------------------|--|
| Capacitance:           | 47 uF  |
| Capacitance Tolerance: | 20%  |
| Voltage DC:            | 6.3 VDC (85C), 5.04 VDC (105C)                       |
| Temperature Range:     | -55/+105C  |
| Rated Temperature:     | 85C  |
| Dissipation Factor:    | 6.00% 120Hz 25C                                      |
| Failure Rate:          | N/A  |
| Resistance:            | 200 mOhms (100kHz 25C)                               |
| Ripple Current:        | 354 mA (100kHz 45C), 318.6 mA (85C), 141.6 mA (105C) |
| Leakage Current:       | 29.6 uA (5min 25C)                                   |

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