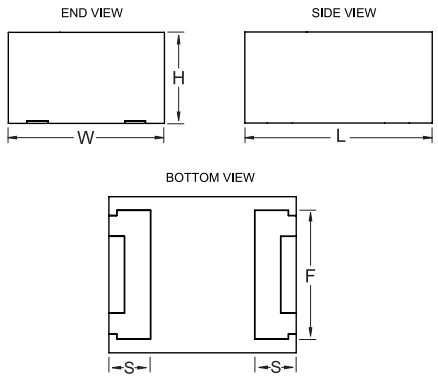
# KEMET Part Number: T523H227M016APE070

Tantalum, Polymer Tantalum, Reduced Volume, T523, 220 uF, 20%, 16 V, 7360, SMD, Polymer, Molded, Face Down Terminals, 70 mOhms, Height Max = 2mm




| General Information | |
|---|---|
| **Dielectric:** | Polymer Tantalum |
| **Style:** | SMD Chip |
| **Series:** | T523 |
| **Description:** | SMD, Polymer, Molded, Face Down Terminals |
| **Features:** | Face Down |
| **RoHS:** | Yes |
| **Termination:** | Nickel Palladium Gold |

| Dimensions | |
|---|---|
| **Footprint** | 7360 |
| **L** | 7.3mm +/-0.3mm |
| **W** | 6mm +/-0.3mm |
| **H** | 2mm MAX |
| **S** | 1.6mm +/-0.3mm |
| **F** | 4.45mm +/-0.1mm |

| Specifications | |
|---|---|
| **Capacitance:** | 220 uF |
| **Capacitance Tolerance:** | 20% |
| **Voltage DC:** | 16 VDC (105C) |
| **Temperature Range:** | -55/+105C |
| **Dissipation Factor:** | 10% 120Hz 25C |
| **Failure Rate:** | N/A |
| **Resistance:** | 70 mOhms (100kHz 25C) |
| **Current:** | 2510 mAmps (100kHz 45C), 1757 mAmps (85C), 627.5 mAmps (105C) |
| **Leakage Current:** | 352 uA (5min 25C) |

| Packaging Specifications | |
|---|---|
| **Packaging:** | T&R, 178mm |
| **Packaging Quantity:** | 1000 |

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