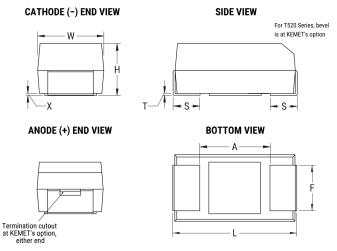


T520V477M006ATE055

T520, Tantalum, Polymer Tantalum, 470 uF, 20%, 6.3 VDC, SMD, Polymer, Molded, Low Profile/ESR, NonCombustible, 55 mOhms, 7343, Height Max = 19mm



| Click | here | for | the | 3D | model. |
|-------|------|-----|-----|----|--------|
|-------|------|-----|-----|----|--------|

| Dimensions | |
|------------|----------------|
| Footprint | 7343 |
| L | 7.3mm +/-0.3mm |
| W | 4.3mm +/-0.3mm |
| Н | 1.8mm +/-0.1mm |
| Т | 0.13mm REF |
| S | 1.3mm +/-0.3mm |
| F | 2.4mm +/-0.1mm |
| Α | 3.6mm MIN |
| X | 0.05mm REF |

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

| General Information | |
|---------------------|--|
| Series | T520 |
| Dielectric | Polymer Tantalum |
| Style | SMD Chip |
| Description | SMD, Polymer, Molded, Low Profile/ESR, NonCombustible |
| Features | Low ESR |
| RoHS | Yes |
| Termination | Tin |
| AEC-Q200 | No |
| Component Weight | 274.3 mg |
| Shelf Life | 52 Weeks |
| MSL | 3 |

| Specifications | |
|--------------------------|---|
| Capacitance | 470 uF |
| Capacitance Tolerance | 20% |
| Voltage DC | 6.3 VDC (105C) |
| Temperature Range | -55/+105°C |
| Rated Temperature | 105°C |
| Life | 2000 Hrs (105C) |
| Humidity | 60C, 90% RH, 500 Hours, No Load |
| Dissipation Factor | 10% 120Hz 25C |
| Failure Rate | N/A |
| Resistance | 55 mOhms (100kHz 25C) |
| Ripple Current | 1800 mA (rms, 100kHz 45C), 1260 mA (rms, 85C), 450 mA (rms, 105C) |
| Leakage Current | 296.1 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.