

Tantalum, Polymer Tantalum, T520, 47 uF, 20%, 16 V, 7343, SMD, Polymer, Molded, Low ESR, Non-Combustible, 70 mOhms, Height Max = 3.1mm



| General Information | |
|-----------------------|--|
| Dielectric: | Polymer Tantalum |
| Style: | SMD Chip |
| Series: | T520 |
| Description: | SMD, Polymer, Molded, Low ESR, Non-Combustible |
| Features: | Low ESR |
| RoHS: | Yes |
| Termination: | Tin |
| Miscellaneous: | Not recommended for new designs. Please use the T521 series instead. |

| Dimensions | |
|------------------|-----------------|
| Footprint | 7343 |
| L | 7.3mm +/-0.3mm |
| W | 4.3mm +/-0.3mm |
| H | 2.8mm +/-0.3mm |
| T | 0.13mm REF |
| S | 1.3mm +/-0.3mm |
| F | 2.4mm +/-0.1mm |
| A | 3.6mm MIN |
| B | 0.5mm +/-0.15mm |
| P | 0.9mm REF |
| R | 1mm REF |
| X | 0.1mm +/-0.1mm |

| Specifications | |
|-------------------------------|--|
| Capacitance: | 47 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: | 1800 mAmps (100kHz 45C), 1260 mAmps (85C), 450 mAmps (105C) |
| Leakage Current: | 75.2 uA (5min 25C) |

| Packaging Specifications | |
|----------------------------|------------|
| Weight: | 434.83 mg |
| Packaging: | T&R, 178mm |
| Packaging Quantity: | 500 |

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