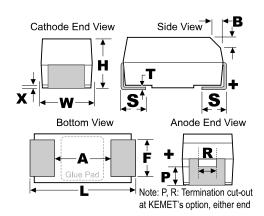
KEMET Part Number: T520Y687M006ATE025



T520, Tantalum, Polymer Tantalum, 680 uF, 20%, 6.3 V, SMD, Polymer, Molded, Low ESR, Non-Combustible, 25 mOhms, 7343, Height Max = 4mm



| Dimensions | | |
|------------|-----------------|--|
| Footprint | 7343 | |
| L | 7.3mm +/-0.3mm | |
| W | 4.3mm +/-0.3mm | |
| Н | 3.8mm +/-0.2mm | |
| Т | 0.13mm REF | |
| S | 1.3mm +/-0.3mm | |
| F | 2.4mm +/-0.1mm | |
| Α | 3.8mm MIN | |
| В | 0.5mm +/-0.15mm | |
| Р | 1.7mm REF | |
| R | 1mm REF | |
| Х | 0.1mm +/-0.1mm | |

| Packaging Specifications | | |
|--------------------------|------------|--|
| Weight: | 493.99 mg | |
| Packaging: | T&R, 178mm | |
| Packaging Quantity: | 500 | |

| General Information | | |
|---------------------|---|--|
| Supplier: | KEMET | |
| Series: | T520 | |
| Dielectric: | Polymer Tantalum | |
| Style: | SMD Chip | |
| Description: | SMD, Polymer, Molded, Low ESR, Non-Combustible | |
| Features: | Low ESR | |
| RoHS: | Yes | |
| Termination: | Tin | |

| Specifications | |
|------------------------|---|
| Capacitance: | 680 uF |
| Capacitance Tolerance: | 20% |
| Voltage DC: | 6.3 VDC (105C) |
| Temperature Range: | -55/+105C |
| Dissipation Factor: | 10% 120Hz 25C |
| Failure Rate: | N/A |
| Resistance: | 25 mOhms (100kHz 25C) |
| Current: | 3100 mAmps (100kHz 45C), 2170 mAmps (85C), 775 mAmps (105C) |
| Leakage Current: | 428.4 uA (5min 25C) |

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