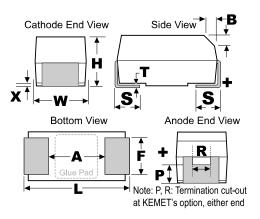
KEMET Part Number: T525D157M006ATE025



Tantalum, Polymer Tantalum, T525, 150 uF, 20%, 6.3 V, 7343, SMD, Polymer, Molded, Low ESR, Non-Combustible, 25 mOhms, Height Max = 3.1mm



| Dimensions | | |
|------------|-----------------|--|
| Footprint | 7343 | |
| L | 7.3mm +/-0.3mm | |
| W | 4.3mm +/-0.3mm | |
| Н | 2.8mm +/-0.3mm | |
| Т | 0.13mm REF | |
| S | 1.3mm +/-0.3mm | |
| F | 2.4mm +/-0.1mm | |
| Α | 3.6mm MIN | |
| В | 0.5mm +/-0.15mm | |
| Р | 0.9mm REF | |
| R | 1mm RFF | |

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

0.1mm +/-0.1mm

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| General Information | |
|---------------------|---|
| Dielectric: | Polymer Tantalum |
| Style: | SMD Chip |
| Series: | T525 |
| Description: | SMD, Polymer, Molded, Low ESR, Non-Combustible |
| Features: | Low ESR |
| RoHS: | Yes |
| Termination: | Tin |

| Specifications | | |
|------------------------|---|--|
| Capacitance: | 150 uF | |
| Capacitance Tolerance: | 20% | |
| Voltage DC: | 6.3 VDC (105C), 4.22 VDC (125C) | |
| Temperature Range: | -55/+125C | |
| Dissipation Factor: | 10% 120Hz 25C | |
| Failure Rate: | N/A | |
| Resistance: | 25 mOhms (100kHz 25C) | |
| Current: | 3000 mAmps (100kHz 45C), 2100 mAmps (85C), 750 mAmps (125C) | |
| Leakage Current: | 94.5 uA (5min 25C) | |

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