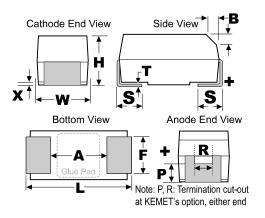
KEMET Part Number: T521D685M050ATE090



Tantalum, Polymer Tantalum, T521, 6.8 uF, 20%, 50 V, 7343, SMD, Polymer, Molded, Low ESR, Non-Combustible, 90 mOhms, 3.1mm



| General Information | |
|---------------------|---|
| Dielectric: | Polymer Tantalum |
| Style: | SMD Chip |
| Series: | T521 |
| Description: | SMD, Polymer, Molded, Low ESR, Non-Combustible |
| Features: | Low ESR, High Voltage |
| RoHS: | Yes |
| Termination: | Tin |

| 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 |
| A | 3.8mm MIN |
| В | 0.5mm +/-0.15mm |
| Р | 0.9mm REF |
| R | 1mm REF |
| Х | 0.1mm +/-0.1mm |

| Specifications | |
|------------------------|---|
| Capacitance: | 6.8 uF |
| Capacitance Tolerance: | 20% |
| Voltage DC: | 50 VDC (105C), 33.5 VDC (125C) |
| Temperature Range: | -55/+125C |
| Dissipation Factor: | 10% 120Hz 25C |
| Failure Rate: | N/A |
| Resistance: | 90 mOhms (100kHz 25C) |
| Current: | 1600 mAmps (100kHz 45C), 1120 mAmps (85C), 400 mAmps (125C) |
| Leakage: | 34 uAmps (5min 5C) |

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

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