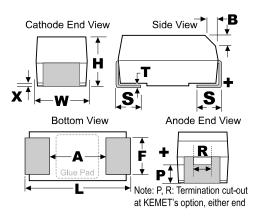
KEMET Part Number: T521X156M063ATE035



Tantalum, Polymer Tantalum, T521, 15 uF, 20%, 63 V, 7343, SMD, Polymer, Molded, Low ESR, Non-Combustible, 35 mOhms, Height Max = 4.3mm



| Dimensions | | |
|------------|-----------------|--|
| Footprint | 7343 | |
| L | 7.3mm +/-0.3mm | |
| W | 4.3mm +/-0.3mm | |
| Н | 4mm +/-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 | 1.7mm REF | |
| R | 1mm REF | |

| Packaging Specifications | | |
|--------------------------|------------|--|
| Weight: | 553.96 mg | |
| Packaging: | T&R, 178mm | |
| Packaging Quantity: | 500 | |

0.1mm +/-0.1mm

Χ

| 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 | |

| Specifications | | |
|------------------------|---|--|
| Capacitance: | 15 uF | |
| Capacitance Tolerance: | 20% | |
| Voltage DC: | 63 VDC (105C), 42.21 VDC (125C) | |
| Temperature Range: | -55/+125C | |
| Dissipation Factor: | 10% 120Hz 25C | |
| Failure Rate: | N/A | |
| Resistance: | 35 mOhms (100kHz 25C) | |
| Current: | 2600 mAmps (100kHz 45C), 1820 mAmps (85C), 650 mAmps (125C) | |
| Leakage Current: | 94.5 uA (5min 25C) | |

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