

KEMET Part Number: T491X156K050AT
(B45196H7156K509)

Tantalum, MnO₂ Tantalum, T491, 15 uF, 10%, 50 V, 7343, SMD, MnO₂, Molded, 700 mOhms, 4.3mm



Dimensions

| Footprint | | 7343 |
|-----------|--|-----------------|
| L | | 7.3mm +/-0.3mm |
| W | | 4.3mm +/-0.3mm |
| H | | 4mm +/-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 |
| E | | 3.5mm REF |
| G | | 3.5mm REF |
| P | | 1.7mm REF |
| R | | 1mm REF |
| X | | 0.1mm +/-0.1mm |

Packaging Specifications

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|----------------------------|------------|
| Weight: | 652.04 mg |
| Packaging: | T&R, 178mm |
| Packaging Quantity: | 500 |

General Information

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|---------------------|--------------------------------|
| Dielectric: | MnO ₂ Tantalum |
| Style: | SMD Chip |
| Series: | T491 |
| Description: | SMD, MnO ₂ , Molded |
| RoHS: | Yes |
| Termination: | Tin |

Specifications

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|-------------------------------|--|
| Capacitance: | 15 uF |
| Capacitance Tolerance: | 10% |
| Voltage DC: | 50 VDC (85C), 33.5 VDC (125C) |
| Temperature Range: | -55/+125C |
| Dissipation Factor: | 8% |
| Failure Rate: | N/A |
| Resistance: | 0.7 Ohms (100kHz) |
| Current: | 486 mAmps (25C), 437.4 mAmps (85C), 194.4 mAmps (125C) |
| Leakage: | 7.5 uAmps |