

KEMET Part Number: T491X686M025AT
(B45196H5686M509)

Tantalum, MnO₂ Tantalum, T491, 68 uF, 20%, 25 V, 7343, SMD, MnO₂, Molded, 700 mOhms, Height Max = 4.3mm



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

| Specifications | |
|-------------------------------|---|
| Capacitance: | 68 uF |
| Capacitance Tolerance: | 20% |
| Voltage DC: | 25 VDC (85C), 16.75 VDC (125C) |
| Temperature Range: | -55/+125C |
| Dissipation Factor: | 6% 120Hz 20C |
| Failure Rate: | N/A |
| Resistance: | 0.7 Ohms (100kHz) |
| Current: | 486 mAmps (100kHz 25C), 437.4 mAmps (85C), 194.4 mAmps (125C) |
| Leakage Current: | 17 uAmps (5min 20C) |

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

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