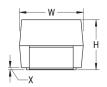


T491X476K035ATAUT07280

T491 Auto, Tantalum, MnO2 Tantalum, 47 uF, 10%, 35 VDC, SMD, MnO2, Molded, Auto, AEC-Q200, 600 mOhms, 7343, Height Max = 4.3mm

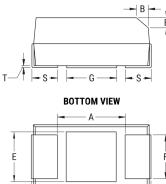
CATHODE (-) END VIEW



ANODE (+) END VIEW

R

Ρ



SIDE VIEW

| General Information | |
|---------------------|-----------------------------------|
| Series | T491 Auto |
| Dielectric | MnO2 Tantalum |
| Style | SMD Chip |
| Description | SMD, MnO2, Molded, Auto, AEC-Q200 |
| Features | Automotive |
| RoHS | Yes |
| Termination | Tin |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |
| Component Weight | 652.04 mg |

| Specifications | |
|-----------------------|--------------------------------|
| Capacitance | 47 uF |
| Capacitance Tolerance | 10% |
| Voltage DC | 35 VDC (85C), 23.45 VDC (125C) |
| Temperature Range | -55/+125°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 6% 120Hz 25C |
| Failure Rate | N/A |
| Resistance | 0.6 Ohms (100kHz 25C) |
| Ripple Current | 524 mA (rms, 100kHz 25C) |
| Leakage Current | 16.5 uA (5min 25°C) |
| | |

| Click | here | for | the | 3D | model. |
|-------|------|-----|-----|----|--------|
| | | | | | |

Termination cutout at KEMET's option, either end

| 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 |
| А | 3.6mm MIN |
| В | 0.5mm +/-0.15mm |
| E | 3.5mm REF |
| G | 3.5mm REF |
| Р | 1.7mm REF |
| R | 1mm REF |
| Х | 0.1mm +/-0.1mm |
| | |

| Packaging Specifications | |
|--------------------------|------------|
| Packaging | T&R, 330mm |
| Packaging Quantity | 2000 |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.