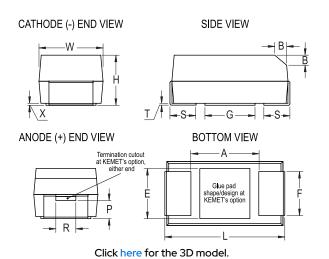


T493X476K025BB6230

T493 HRA, Tantalum, MnO2 Tantalum, HRA, 47 uF, 10%, 25 VDC, SMD, MnO2, Molded, High Reliability, B (0.1%/1000 Hrs), 150 mOhms, 7343, 4.3 mm, 1.3 mm



| General Information | |
|--------------------------|--|
| Series | T493 HRA |
| Dielectric | MnO2 Tantalum |
| Style | SMD Chip |
| Description | SMD, MnO2, Molded, High Reliability |
| Features | High Reliability |
| RoHS | Yes |
| Termination | Gold |
| AEC-Q200 | No |
| Typical Component Weight | 654.04 mg |

| Dimensions | |
|------------|--------------------|
| 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 | 3.8mm MIN |
| В | 0.5mm +/-0.15mm |
| Е | 3.5mm REF |
| G | 3.5mm REF |
| P | 1.7mm REF |
| R | 1mm REF |
| Χ | 0.1mm +/-0.1mm REF |

| Specifications | |
|-------------------------|--|
| Capacitance | 47 uF |
| Tolerance | 10% |
| Voltage DC | 25 VDC (85C), 16.75 VDC (125C) |
| Temperature Range | -55/+125°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 6% 120Hz 25C |
| Failure Rate | B (0.1%/1000 Hrs) |
| ESR | 0.15 Ohms (100kHz 25C) |
| Ripple Current | 1049 mA (rms, 100kHz 25C) |
| Leakage Current | 11.8 uA (5min 25°C) |
| Testing and Reliability | 10 Cycles Surge Current Testing At +25C After Weibull |

| Packaging Specifications | |
|--------------------------|------------|
| Packaging | T&R, 178mm |
| Packaging Quantity | 500 |

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