

## T496C225K035BT6110

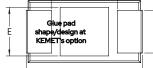
T496 HRA, Tantalum, MnO2 Tantalum, HRA, 2.2 uF, 10%, 35 VDC, SMD, MnO2, Molded, Military, Fused, High Reliability, B (0.1%/1000 Hrs), 3.5 Ohms, 6032, 2.8 mm, 1.3 mm

CATHODE (-) END VIEW



ANODE (+) END VIEW

SIDE VIEW



Click here for the 3D model.

| General Information      |   |
|--------------------------|---|
| Series                   | T496 HRA  |
| Dielectric               | MnO2 Tantalum   |
| Style                    | SMD Chip  |
| Description              | SMD, MnO2, Molded, Military,<br>Fused, High Reliability |
| Features                 | Internal Fuse, High Reliability                         |
| RoHS                     | Yes   |
| Termination              | Tin   |
| AEC-Q200                 | No  |
| Typical Component Weight | 224.48 mg   |

| Specifications          |                                   |
|-------------------------|-----------------------------------|
| Capacitance             | 2.2 uF                            |
| Tolerance               | 10%                               |
| Voltage DC              | 35 VDC (85C), 23.45 VDC<br>(125C) |
| Temperature Range       | -55/+125°C                        |
| Rated Temperature       | 85°C                              |
| Dissipation Factor      | 6% 120Hz 25C                      |
| Failure Rate            | B (0.1%/1000 Hrs)                 |
| ESR                     | 3500 mOhms (100kHz 25C)           |
| Ripple Current          | 177 mA (rms, 100kHz 25C)          |
| Leakage Current         | 0.8 uA (5min 25°C)                |
| Testing and Reliability | Standard Testing Only             |

| Dimensions |                    |
|------------|--------------------|
| L          | 6mm +/-0.3mm       |
| W          | 3.2mm +/-0.3mm     |
| н          | 2.5mm +/-0.3mm     |
| т          | 0.13mm REF         |
| S          | 1.3mm +/-0.3mm     |
| F          | 2.2mm +/-0.1mm     |
| A          | 3.1mm MIN          |
| В          | 0.5mm +/-0.15mm    |
| E          | 2.4mm REF          |
| G          | 2.8mm REF          |
| Р          | 0.9mm REF          |
| R          | 1mm REF            |
| х          | 0.1mm +/-0.1mm REF |

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

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