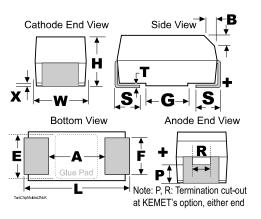
## **KEMET Part Number: T494C475K035AT**



Tantalum, MnO2 Tantalum, T494, 4.7 uF, 10%, 35 V, 6032, SMD, MnO2, Molded, Low ESR, 700 mOhms, 2.8mm



| Dimensions |                 |  |
|------------|-----------------|--|
| Footprint  | 6032            |  |
| 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  |  |
| Α          | 2.9mm 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  |  |

| Packaging Specifications |            |  |
|--------------------------|------------|--|
| Weight:                  | 224.48 mg  |  |
| Packaging:               | T&R, 178mm |  |
| Packaging Quantity:      | 500        |  |

| General Information |                            |  |
|---------------------|----------------------------|--|
| Dielectric:         | MnO2 Tantalum              |  |
| Style:              | SMD Chip                   |  |
| Series:             | T494                       |  |
| Description:        | SMD, MnO2, Molded, Low ESR |  |
| Features:           | Low ESR                    |  |
| RoHS:               | Yes                        |  |
| Termination:        | Tin                        |  |

| Specifications         |  |  |
|------------------------|--|--|
| Capacitance:           | 4.7 uF   |  |
| Capacitance Tolerance: | 10%  |  |
| Voltage DC:            | 35 VDC (85C), 23.45 VDC (125C)                               |  |
| Temperature Range:     | -55/+125C  |  |
| Dissipation Factor:    | 6%   |  |
| Failure Rate:          | N/A  |  |
| Resistance:            | 0.7 Ohms (100kHz)  |  |
| Current:               | 396 mAmps (25C), 356.4<br>mAmps (85C), 158.4 mAmps<br>(125C) |  |
| Leakage:               | 1.6 uAmps  |  |

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