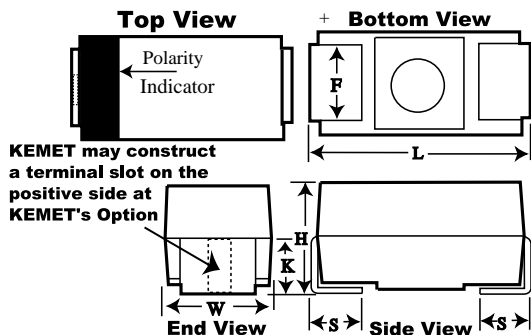


B45196E, Tantalum, MnO2 Tantalum, 4.7 uF, 20%, 16 V, SMD, Molded, 3528, Height Max = 2.1mm



| General Information |   |
|---------------------|---|
| Supplier:           | KEMET   |
| Series:             | B45196E   |
| Dielectric:         | MnO2 Tantalum   |
| Style:              | SMD Chip  |
| Description:        | SMD, Molded   |
| RoHS:               | Yes   |
| Termination:        | Tin   |
| Miscellaneous:      | Closest Kemet Original Series Equivalent:<br>T491B475M016AT7280 |
| Notes:              | Obsolete. Old Part Number [Obsolete] Was B45196E3475M206        |

| Dimensions |                |
|------------|----------------|
| Footprint  | 3528           |
| L          | 3.5mm +/-0.2mm |
| W          | 2.8mm +/-0.2mm |
| H          | 1.9mm +/-0.2mm |
| S          | 0.7mm +/-0.3mm |
| F          | 2.2mm +/-0.1mm |
| K          | 1.4mm TYP      |

| Packaging Specifications |            |
|--------------------------|------------|
| Packaging:               | T&R, 330mm |
| Packaging Quantity:      | 8000       |

| Specifications         |                                |
|------------------------|--------------------------------|
| Capacitance:           | 4.7 uF                         |
| Capacitance Tolerance: | 20%                            |
| Voltage DC:            | 16 VDC (85C), 10.72 VDC (125C) |
| Temperature Range:     | -55/+125C                      |
| Rated Temperature:     | 85C                            |
| Dissipation Factor:    | 6%                             |
| Failure Rate:          | N/A                            |
| Leakage Current:       | 0.8 uA                         |