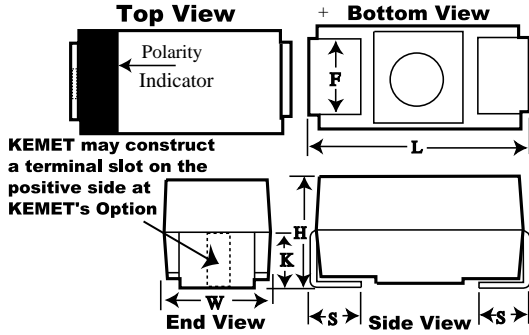




**THE DATASHEET OF  
T491A685M010ZT7280**



B45196H, Tantalum, MnO2 Tantalum, 6.8 uF, 20%, 10 V, SMD, Molded, 3216, Height Max = 1.8mm



| General Information |  |
|---------------------|--|
| Supplier:           | KEMET  |
| Series:             | B45196H  |
| Dielectric:         | MnO2 Tantalum  |
| Style:              | SMD Chip   |
| Description:        | SMD, Molded  |
| RoHS:               | Yes  |
| Termination:        | Tin  |
| Miscellaneous:      | Closest Kemet Original Series Equivalent: T491A685M010AT7280 |
| Notes:              | Obsolete. Old Part Number [Obsolete] Was B45196H2685M106     |

| Dimensions |                |
|------------|----------------|
| Footprint  | 3216           |
| L          | 3.2mm +/-0.2mm |
| W          | 1.6mm +/-0.2mm |
| H          | 1.6mm +/-0.2mm |
| S          | 0.8mm +/-0.3mm |
| F          | 1.2mm +/-0.1mm |
| K          | 1.3mm TYP      |

| Packaging Specifications |            |
|--------------------------|------------|
| Packaging:               | T&R, 330mm |
| Packaging Quantity:      | 9000       |

| Specifications         |                              |
|------------------------|------------------------------|
| Capacitance:           | 6.8 uF                       |
| Capacitance Tolerance: | 20%                          |
| Voltage DC:            | 10 VDC (85C), 6.7 VDC (125C) |
| Temperature Range:     | -55/+125C                    |
| Rated Temperature:     | 85C                          |
| Dissipation Factor:    | 6%                           |
| Failure Rate:          | N/A                          |
| Leakage Current:       | 0.7 uA                       |

## Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

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 [Kemet Information](#)

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