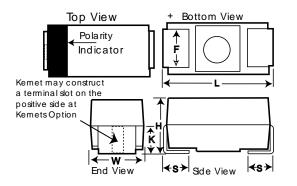
KEMET Part Number: T491B685K006ZT

(B45196H1685K209)



Capacitor, tantalum, 6.8 uF, 3528, +/-10% Tol, 6.3V@85C



| Dimensions (mm) | | | |
|-----------------|-----------|-----------|--|
| Symbol | Dimension | Tolerance | |
| L | 3.5 | +/-0.2 | |
| W | 2.8 | +/-0.2 | |
| Н | 1.9 | +/-0.2 | |
| К | 1.4 | typ | |
| F | 2.2 | +/-0.1 | |
| S | 0.7 | +/-0.3 | |

| General Information | | |
|---------------------|--------------------|--|
| Manufacturer: | KEMET | |
| Construction: | Standard Chip-MnO2 | |

| Specifications | | |
|---------------------|-----------------|--|
| Capacitance: | 6.8 uF | |
| Voltage DC @ 85C: | 6.3V | |
| Voltage DC @ 105C: | 5.2V | |
| Voltage DC @ 125C: | 4V | |
| Tolerance: | +/-10% | |
| Application: | General Purpose | |
| Temperature Range: | -55/+125C | |
| Body Type: | Molded Chip | |
| Footprint: | 3528 | |
| Termination: | Tin | |
| RoHS: | Yes | |
| Leakage Current: | 0.5 uA | |
| Dissipation Factor: | 6% | |
| Impedance @ 100kHz: | 4.5 Ohm | |

| Ν | otes |
|-----|------|
| 1.1 | UIUS |

-In polarity stripe, at KEMET's option, type may be indicated: see catalog for explanation of symbols

-Old part number [Obsolete] was B45196H1685K209

| Packaging Specifications | | |
|--------------------------|------|--|
| Package Kind: | T&R | |
| Package Size: | 7in | |
| Package Quantity: | 2000 | |

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