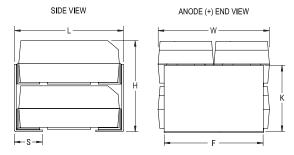
## KEMET Part Number: TSM4D607M016BT6110D493



TSM, Tantalum, MnO2 Tantalum, HRA, 600 uF, 20%, 16 VDC, 4D



| Dimensions |                 |
|------------|-----------------|
| Case Code  | 4D              |
| L          | 8mm +/-0.38mm   |
| W          | 8.9mm +/-0.2mm  |
| Н          | 6.2mm +/-0.38mm |
| S          | 1.9mm +/-0.38mm |
| F          | 7.4mm +/-0.2mm  |
| К          | 4.8mm +/-0.38mm |

| Packaging Specifications |      |  |
|--------------------------|------|--|
| Packaging:               | Tray |  |
| Packaging Quantity:      | 50   |  |

| General Information |  |  |
|---------------------|--|--|
| Series:             | TSM                                    |  |
| Dielectric:         | MnO2 Tantalum                          |  |
| Style:              | Stacked Chip                           |  |
| Description:        | SMD, MnO2, Stacks, High<br>Reliability |  |
| Features:           | High Reliability                       |  |
| RoHS:               | Yes                                    |  |
| Termination:        | Tin                                    |  |
| AEC-Q200:           | No                                     |  |
| MSL:                | 1                                      |  |

| Specifications           |                                   |  |
|--------------------------|-----------------------------------|--|
| Capacitance:             | 600 uF                            |  |
| Capacitance Tolerance:   | 20%                               |  |
| Voltage DC:              | 16 VDC (85C), 10.72 VDC<br>(125C) |  |
| Temperature Range:       | -55/+125°C                        |  |
| Rated Temperature:       | 85°C                              |  |
| Dissipation Factor:      | 8% 120Hz 25C                      |  |
| Failure Rate:            | B (0.1%/1000 Hrs)                 |  |
| Resistance:              | 0.175 Ohms (100kHz 25C)           |  |
| Leakage Current:         | 96 uA (5min 25°C)                 |  |
| Testing and Reliability: | Standard Testing Only             |  |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.



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