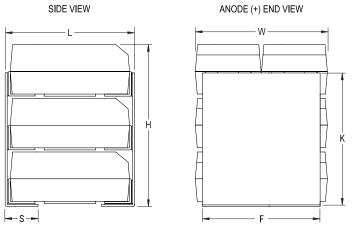




TSP, Tantalum, Polymer Tantalum, HRA, 200 uF, 10%, 50 VDC, N/A, 12 mOhms, 6X, 1.9 mm



| Click h | ere for | the 3D | model. |
|---------|---------|--------|--------|
|---------|---------|--------|--------|

| General Information |  |
|---------------------|--|
| Series              | TSP  |
| Dielectric          | Polymer Tantalum   |
| Style               | Stacked Chip   |
| Description         | SMD, Polymer, KO, Stacks, High<br>Reliability                            |
| Features            | High Reliability   |
| RoHS                | No   |
| Prop 65             | WARNING: Cancer and reproductive harm - https://www.p65warnings.ca.gov / |
| SCIP Number         | 30e82d35-b509-48ec-8c77-2d<br>5ec01b3abc                                 |
| Termination         | Tin Lead (SnPb)  |
| Termination (Stack) | Solder Coated  |
| AEC-Q200            | No   |
| MSL                 | 3  |

| Dimensions |                  |
|------------|------------------|
| Case Code  | 6X               |
| L          | 8mm +/-0.38mm    |
| W          | 8.9mm +/-0.2mm   |
| Н          | 13.3mm +/-0.38mm |
| S          | 1.9mm +/-0.38mm  |
| F          | 7.4mm +/-0.2mm   |
| К          | 11mm +/-0.38mm   |

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

| Specifications          |  |
|-------------------------|--|
| Capacitance             | 200 uF   |
| Tolerance               | 10%  |
| Voltage DC              | 50 VDC (105C), 33.5 VDC (125C)   |
| Temperature Range       | -55/+125°C   |
| Rated Temperature       | 105°C  |
| Dissipation Factor      | 10% 120Hz 25C  |
| Failure Rate            | N/A  |
| ESR                     | 12 mOhms (100kHz 25C)  |
| Leakage Current         | 1000 uA (5min 25°C)  |
| Testing and Reliability | 10 Cycles Surge Current Testing<br>At -55C +0C/-5C And +85C<br>+/-5C After Voltage Aging |

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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