



Click [here](#) for the 3D model.

### General Information

|                     |  |
|---------------------|--|
| Series              | TSP  |
| Dielectric          | Polymer Tantalum   |
| Style               | Stacked Chip   |
| Description         | SMD, Polymer, KO, Stacks, High Reliability   |
| Features            | High Reliability   |
| RoHS                | No   |
| Prop 65             | <b>WARNING:</b> Cancer and reproductive harm - <a href="https://www.p65warnings.ca.gov/">https://www.p65warnings.ca.gov/</a> |
| SCIP Number         | 30e82d35-b509-48ec-8c77-2d5ec01b3abc   |
| Termination         | Tin Lead (SnPb)  |
| Termination (Stack) | Silver Plated  |
| Shelf Life          | 52 Weeks   |
| MSL                 | 3  |

### Dimensions

|           |                 |
|-----------|-----------------|
| Case Code | 40              |
| L         | 7.9mm +/-0.38mm |
| W         | 12.2mm +/-0.4mm |
| H         | 8.9mm +/-0.38mm |
| S         | 1.4mm +/-0.38mm |
| F         | 10.5mm +/-0.4mm |
| K         | 6.6mm +/-0.38mm |

### Packaging Specifications

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

### Specifications

|                    |                       |
|--------------------|-----------------------|
| Capacitance        | 190 uF                |
| Tolerance          | 20%                   |
| Voltage DC         | 50 VDC (105C)         |
| Temperature Range  | -55/+105°C            |
| Rated Temperature  | 105°C                 |
| Dissipation Factor | 10% 120Hz 25C         |
| Failure Rate       | N/A                   |
| ESR                | 20 mOhms (100kHz 25C) |
| Leakage Current    | 950 uA (5min 25°C)    |

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