

Tantalum, Polymer Tantalum, T545, 180 uF, 20%, 16 V, 7360, SMD, Polymer, Molded, Low Profile, HiEnergyDensity, 55 mOhms, Height Max = 2mm



| General Information |  |
|---------------------|--|
| Dielectric:         | Polymer Tantalum                                   |
| Style:              | SMD Chip   |
| Series:             | T545   |
| Description:        | SMD, Polymer, Molded, Low Profile, HiEnergyDensity |
| Features:           | Low ESR  |
| RoHS:               | Yes  |
| Termination:        | Tin  |

| Dimensions |                |
|------------|----------------|
| Footprint  | 7360           |
| L          | 7.3mm +/-0.3mm |
| W          | 6mm +/-0.3mm   |
| H          | 1.9mm +/-0.1mm |
| T          | 0.13mm REF     |
| S          | 1.3mm +/-0.3mm |
| F          | 4.1mm +/-0.1mm |
| A          | 3.3mm MIN      |
| X          | 0.1mm +/-0.1mm |

| Specifications         |  |
|------------------------|--|
| Capacitance:           | 180 uF                                       |
| Capacitance Tolerance: | 20%  |
| Voltage DC:            | 16 VDC (85C)                                 |
| Temperature Range:     | -55/+85C                                     |
| Dissipation Factor:    | 20% 120Hz 25C                                |
| Failure Rate:          | N/A  |
| Resistance:            | 55 mOhms (100kHz 25C)                        |
| Current:               | 1910 mAmps (100kHz 45C),<br>1337 mAmps (85C) |
| Leakage Current:       | 288 uA (5min 25C)                            |

| Packaging Specifications |            |
|--------------------------|------------|
| Weight:                  | 366.62 mg  |
| Packaging:               | T&R, 178mm |
| Packaging Quantity:      | 1000       |