

T520, Tantalum, Polymer Tantalum, 470 uF, 20%, 6.3 VDC, SMD, Polymer, Molded, Low ESR, Non-Combustible, 25 mOhms, 7343, Height Max = 3.1mm



### General Information

<b>Supplier:</b>	KEMET
<b>Series:</b>	T520
<b>Dielectric:</b>	Polymer Tantalum
<b>Style:</b>	SMD Chip
<b>Description:</b>	SMD, Polymer, Molded, Low ESR, Non-Combustible
<b>Features:</b>	Low ESR
<b>RoHS:</b>	Yes
<b>Termination:</b>	Tin
<b>Shelf Life:</b>	52 Weeks
<b>MSL:</b>	3

### Dimensions

<b>Footprint</b>	7343
<b>L</b>	7.3mm +/-0.3mm
<b>W</b>	4.3mm +/-0.3mm
<b>H</b>	2.8mm +/-0.3mm
<b>T</b>	0.13mm REF
<b>S</b>	1.3mm +/-0.3mm
<b>F</b>	2.4mm +/-0.1mm
<b>A</b>	3.6mm MIN
<b>B</b>	0.5mm +/-0.15mm
<b>P</b>	0.9mm REF
<b>R</b>	1mm REF
<b>X</b>	0.1mm +/-0.1mm

### Specifications

<b>Capacitance:</b>	470 uF
<b>Capacitance Tolerance:</b>	20%
<b>Voltage DC:</b>	6.3 VDC (105C)
<b>Temperature Range:</b>	-55/+105C
<b>Rated Temperature:</b>	105°C
<b>Humidity:</b>	60C, 90% RH, 500 Hours, No Load
<b>Dissipation Factor:</b>	10.00% 120Hz 25C
<b>Failure Rate:</b>	N/A
<b>Resistance:</b>	25 mOhms (100kHz 25C)
<b>Ripple Current:</b>	3000 mA (100kHz 45C), 2100 mA (85C), 750 mA (105C)
<b>Leakage Current:</b>	296.1 uA (5min 25C)

### Packaging Specifications

<b>Weight:</b>	434.83 mg
<b>Packaging:</b>	T&R, 178mm
<b>Packaging Quantity:</b>	500