

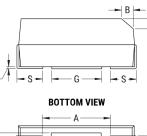
T502D106K025AG62107280

T502, Tantalum, MnO2 Tantalum, High Temperature, 10 uF, 10%, 25 VDC, SMD, MnO2, Un-Encapsulated, High Temperature, 230C, N/A, 1.8 Ohms, 7343, Height Max = 3.1mm

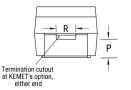
CATHODE (-) END VIEW

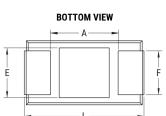


ANODE (+) END VIEW



SIDE VIEW





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F

Dimensions	
Footprint	7343
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
Н	2.8mm +/-0.3mm
Т	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
А	3.8mm MIN
В	0.5mm +/-0.15mm
E	3.5mm REF
G	3.5mm REF
Р	0.9mm REF
R	1mm REF
Х	0.1mm +/-0.1mm

т

Packaging Specifications	
Packaging	T&R, 330mm
Packaging Quantity	2500

General Information	
Series	T502
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Un-Encapsulated, High Temperature, 230C
Features	230C
RoHS	Yes
Termination	Gold
AEC-Q200	No
Component Weight	292 mg
Shelf Life	156 Weeks
MSL	1

Specifications	
Capacitance	10 uF
Capacitance Tolerance	10%
Voltage DC	25 VDC (85C), 20.5 VDC (125C), 8.25 VDC (230C)
Temperature Range	-55/+230°C
Rated Temperature	85°C
Humidity	85C, 85% RH, 0 V, 500 Hours
<b>Dissipation Factor</b>	6% 120Hz 25C
Failure Rate	N/A
Resistance	1.8 Ohms (100kHz 25C)
Ripple Current	289 mA (rms, 100kHz 45C)
Leakage Current	2.5 uA (5min 25°C)

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