

T545V107M020ATE055

T545, Tantalum, Polymer Tantalum, 100 uF, 20%, 20 VDC, SMD, Polymer, Molded, Low Profile, HiEnergyDensity, 55 mOhms, 7343, Height Max = 2mm

CATHODE (-) END VIEW SIDE VIEW ANODE (+) END VIEW BOTTOM VIEW Termination cutout at KEMET's option, either end

Click here for the 3D model.

Dimensions	
Footprint	7343
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
Н	1.9mm +/-0.1mm
Т	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
Α	3.8mm MIN
X	0.05mm REF

Packaging Specifications	
Packaging	T&R, 178mm
Packaging Quantity	1000

General Information	,
Series	T545
Dielectric	Polymer Tantalum
Style	SMD Chip
Description	SMD, Polymer, Molded, Low Profile, HiEnergyDensity
Features	Low ESR
RoHS	Yes
Termination	Tin
AEC-Q200	No
Component Weight	262.9 mg
Shelf Life	52 Weeks
MSL	3

Specifications	
Capacitance	100 uF
Capacitance Tolerance	20%
Voltage DC	20 VDC (105C), 13.4 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	105°C
Humidity	60C, 90% RH, 500 Hours, No Load
Dissipation Factor	10% 120Hz 25C
Failure Rate	N/A
Resistance	55 mOhms (100kHz 25C)
Ripple Current	1850 mA (rms, 100kHz 45C), 1295 mA (rms, 85C), 462.5 mA (rms, 125C)
Leakage Current	200 uA (5min 25°C)

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