

T555, Tantalum, Polymer Tantalum, HRA, 40 uF, 10%, 30 VDC, N/A, 170 mOhms, Height Max = 9.6mm



Dimensions	
L	24.5mm +/-0.5mm
W	8.5mm +/-0.5mm
H	9.1mm +/-0.5mm
S	3mm +/-0.3mm
F	4.2mm +/-0.5mm

Packaging Specifications	
Weight:	5.54 g
Packaging:	Bulk, Box
Packaging Quantity:	100

General Information	
Series:	T555
Dielectric:	Polymer Tantalum
Style:	SMD Chip
RoHS:	No
Prop 65:	⚠ WARNING: Cancer and reproductive harm - www.p65warnings.ca.gov .
REACH:	SVHC (Pb – CAS 7439-92-1)
Termination:	Solder Coated
AEC-Q200:	No
Shelf Life:	156 Weeks

Specifications	
Capacitance:	40 uF
Capacitance Tolerance:	10%
Voltage DC:	30 VDC, 23.4 VDC (105°C), 34.5 VDC (85°C)
Temperature Range:	-55/+105°C
Dissipation Factor:	5% (120Hz 25C)
Failure Rate:	N/A
Resistance:	170 mOhm (100kHz 25C)
Ripple Current:	1275 mAmps (40kHz 85C)
Leakage Current:	9 uA (5min 25°C)
Testing and Reliability:	25C +/-5C, 10 Cycles, After Constant Voltage Conditioning (KEMET Standard)