

T493A684K035BC6110

T493 HRA, Tantalum, MnO2 Tantalum, HRA, .68 uF, 10%, 35 VDC, SMD, MnO2, Molded, High Reliability, B (0.1%/1000 Hrs), 10 Ohms, 3216, Height Max = 1.8mm

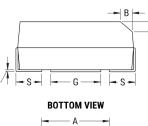
CATHODE (-) END VIEW



ANODE (+) END VIEW

R

Ρ



SIDE VIEW



General Information		
Series	T493 HRA	
Dielectric	MnO2 Tantalum	
Style	SMD Chip	
Description	SMD, MnO2, Molded, High Reliability	
Features	High Reliability	
RoHS	No	
Prop 65	A WARNING: Cancer and reproductive harm - http://www.p65warnings.ca.gov.	
SCIP Number	652b281f-d242-4453-bc44-0655d646cec3	
Termination	Hot Solder Dipped	
AEC-Q200	No	
Component Weight	58.97 mg	
Notes	P and R dimensions represents the minimum solderable area of the termination surface entirely	

Click here for the 3D model.

Termination cutout at KEMET's option, either end

Dimensions	
Footprint	3216
L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
Н	1.6mm +/-0.2mm
Т	0.13mm REF
S	0.8mm +/-0.3mm
F	1.2mm +/-0.1mm
А	1.2mm MIN
В	0.4mm +/-0.15mm
E	1.3mm REF
G	1.1mm REF
Р	0.35mm MIN
R	0.4mm REF
Х	0.1mm +/-0.1mm

Т

SCIP Number	652b281f-d242-4453-bc44-0655d646cec3		
Termination	Hot Solder D	ipped	
AEC-Q200	No		
Component Weight	58.97 mg		
Notes	P and R dimensions represents the minimum solderable area of the termination surface entirely below cutout (if one is present).		
Specifications			
Capacitance		.68 uF	
Capacitance Tolerance		10%	
Voltage DC		35 VDC (85C), 23.45 VDC (125C)	
Temperature Range		-55/+125°C	

Capacitance	.68 uF	
Capacitance Tolerance	10%	
Voltage DC	35 VDC (85C), 23.45 VDC (125C)	
Temperature Range	-55/+125°C	
Rated Temperature	85°C	
Dissipation Factor	4% 120Hz 25C	
Failure Rate	B (0.1%/1000 Hrs)	
Resistance	10 Ohms (100kHz 25C)	
Ripple Current	87 mA (rms, 100kHz 25C)	
Leakage Current	0.5 uA (5min 25°C)	
Testing and Reliability	Standard Testing Only	

Packaging Specifications		
Packaging	T&R, 178mm	
Packaging Quantity	2000	

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