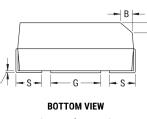


T494B475K010AH

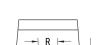
T494, Tantalum, MnO2 Tantalum, 4.7 uF, 10%, 10 VDC, SMD, MnO2, Molded, Low ESR, 1.5 Ohms, 3528, Height Max = 2.1mm

CATHODE (-) END VIEW



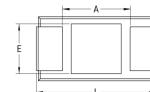


SIDE VIEW



Ρ

ANODE (+) END VIEW



remination cutout				
at KEMET's option,				
either end				

Click here for the 3D model.

Dimensions	
Footprint	3528
L	3.5mm +/-0.2mm
W	2.8mm +/-0.2mm
н	1.9mm +/-0.2mm
Т	0.13mm REF
S	0.8mm +0.1/-0.3mm
F	2.2mm +/-0.1mm
А	1.9mm MIN
В	0.4mm +/-0.15mm
E	2.2mm REF
G	1.8mm REF
Р	0.5mm REF
R	1mm REF
Х	0.1mm +/-0.1mm

Т

/ ⊦/-0.2mm	Tolerance	10%
/-0.2mm	Voltage DC	10 VDC
REF	Temperature Range	-55/+12
+0.1/-0.3mm	5	
-/-0.1mm	Rated Temperature	85°C
1IN	Dissipation Factor	6% 120H
+/-0.15mm	Failure Rate	N/A
EF	Resistance	1.5 Ohm

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General Informatic	n
Series	T494
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded, Low ESR
Features	Low ESR
RoHS	No
Prop 65	A WARNING: Cancer and reproductive harm - http://www.p65warnings.ca.gov.
SCIP Number	1dd2e1b8-26dd-4d52-927c-6f9d519011aa
Termination	Solder Coated
AEC-Q200	No
Component Weight	107.45 mg
Shelf Life	156 Weeks
MSL	1

Specifications	
Capacitance	4.7 uF
Capacitance Tolerance	10%
Voltage DC	10 VDC (85C), 6.7 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	N/A
Resistance	1.5 Ohms (100kHz 25C)
Ripple Current	238 mA (rms, 100kHz 25C), 214.2 mA (rms, 85C), 95.2 mA (rms, 125C)
Leakage Current	0.5 uA (5min 25°C)

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

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.