KEMET Part Number: T493B226K010CH641B



T493 Space, Tantalum, MnO2 Tantalum, Space, 22 uF, 10%, 10 VDC, SMD, MnO2, Molded, Aerospace, C (0.01%/1000 Hrs), 3 Ohms, 3528, Height Max = 2.1mm

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 +/-0.3mm
F	2.2mm +/-0.1mm
Α	2.1mm MIN
В	0.4mm +/-0.15mm
E	2.2mm REF
G	1.8mm REF
К	0.7mm MIN
Р	0.35mm MIN
R	1mm REF
Х	0.1mm +/-0.1mm

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

General Information		
Series:	T493 Space	
Dielectric:	MnO2 Tantalum	
Style:	SMD Chip	
Description:	SMD, MnO2, Molded, Aerospace	
Features:	Aerospace	
RoHS:	No	
Prop 65:	WARNING: Cancer and reproductive harm - www.p65warnings.ca.gov.	
SCIP Number:	1dd2e1b8-26dd-4d52-927c-6f9d5	19011aa
Termination:	Solder Coated	
AEC-Q200:	No	
Component Weight:	102.3 mg	
Notes:	P and R dimensions represents the minimum solderable area of the termination surface entirely below cutout (if one is present).	

Specifications		
Capacitance:	22 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 20C	
Failure Rate:	C (0.01%/1000 Hrs)	
Resistance:	3 Ohms (100kHz 20C)	
Leakage Current:	2.2 uA (5min 20°C)	
Testing and Reliability:	10 Cycles Surge Testing At -55C And +85C Before Weibull; Additional Testing Option B	

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