

**KEMET Part Number: T491A225K010AT**  
(B45196E2225K109)

Tantalum, MnO2 Tantalum, T491, 2.2 uF, 10%, 10 V, 3216, SMD, MnO2, Molded, 7 Ohms, 1.8mm



**Dimensions**

Footprint	3216
L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
H	1.6mm +/-0.2mm
T	0.13mm REF
S	0.8mm +0.2/-0.3mm
F	1.2mm +/-0.1mm
A	1.2mm MIN
B	0.4mm +/-0.15mm
E	1.3mm REF
G	1.1mm REF
P	0.4mm REF
R	0.4mm REF
X	0.1mm +/-0.1mm

**Packaging Specifications**

Weight:	58.6 mg
Packaging:	T&R, 178mm
Packaging Quantity:	2000

**General Information**

Dielectric:	MnO2 Tantalum
Style:	SMD Chip
Series:	T491
Description:	SMD, MnO2, Molded
RoHS:	Yes
Termination:	Tin

**Specifications**

Capacitance:	2.2 uF
Capacitance Tolerance:	10%
Voltage DC:	10 VDC (85C), 6.7 VDC (125C)
Temperature Range:	-55/+125C
Dissipation Factor:	6%
Failure Rate:	N/A
Resistance:	7 Ohms (100kHz)
Current:	97 mAmps (25C), 87.3 mAmps (85C), 38.8 mAmps (125C)
Leakage:	0.5 uAmps