

KEMET Part Number: T491A225M020AT
(B45196H4225M109)

Tantalum, MnO₂ Tantalum, T491, 2.2 uF, 20%, 20 V, 3216, SMD, MnO₂, Molded, 6 Ohms, Height Max = 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:	MnO ₂ Tantalum
Style:	SMD Chip
Series:	T491
Description:	SMD, MnO ₂ , Molded
RoHS:	Yes
Termination:	Tin

Specifications

Capacitance:	2.2 uF
Capacitance Tolerance:	20%
Voltage DC:	20 VDC (85C), 13.4 VDC (125C)
Temperature Range:	-55/+125C
Dissipation Factor:	6% 120Hz 20C
Failure Rate:	N/A
Resistance:	6 Ohms (100kHz)
Current:	104 mAmps (100kHz 25C), 93.6 mAmps (85C), 41.6 mAmps (125C)
Leakage Current:	0.5 uAmps (5min 20C)