

KEMET Part Number: T491B224K050AT
(B45196E7224K209)



Tantalum, MnO2 Tantalum, T491, 0.22 uF, 10%, 50 V, 3528, SMD, MnO2, Molded, 14 Ohms, Height Max = 2.1mm



Dimensions

Footprint	3528
L	3.5mm +/-0.2mm
W	2.8mm +/-0.2mm
H	1.9mm +/-0.2mm
T	0.13mm REF
S	0.8mm +0.2/-0.3mm
F	2.2mm +/-0.1mm
A	1.9mm MIN
B	0.4mm +/-0.15mm
E	2.2mm REF
G	1.8mm REF
P	0.5mm REF
R	1mm REF
X	0.1mm +/-0.1mm

Packaging Specifications

Weight:	107.45 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:	0.22 uF
Capacitance Tolerance:	10%
Voltage DC:	50 VDC (85C), 33.5 VDC (125C)
Temperature Range:	-55/+125C
Dissipation Factor:	4% 120Hz 20C
Failure Rate:	N/A
Resistance:	14 Ohms (100kHz)
Current:	78 mAmps (100kHz 25C), 70.2 mAmps (85C), 31.2 mAmps (125C)
Leakage Current:	0.5 uAmps (5min 20C)

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