

**KEMET Part Number: T491D106K050AT**  
(B45196H7106K409)

Tantalum, MnO<sub>2</sub> Tantalum, T491, 10 uF, 10%, 50 V, 7343, SMD, MnO<sub>2</sub>, Molded, 800 mOhms, Height Max = 3.1mm



**Dimensions**

Footprint	7343
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
H	2.8mm +/-0.3mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
A	3.6mm MIN
B	0.5mm +/-0.15mm
E	3.5mm REF
G	3.5mm REF
P	0.9mm REF
R	1mm REF
X	0.1mm +/-0.1mm

**Packaging Specifications**

Weight:	446.84 mg
Packaging:	T&R, 178mm
Packaging Quantity:	500

**General Information**

Dielectric:	MnO <sub>2</sub> Tantalum
Style:	SMD Chip
Series:	T491
Description:	SMD, MnO <sub>2</sub> , Molded
RoHS:	Yes
Termination:	Tin

**Specifications**

Capacitance:	10 uF
Capacitance Tolerance:	10%
Voltage DC:	50 VDC (85C), 33.5 VDC (125C)
Temperature Range:	-55/+125C
Dissipation Factor:	6% 120Hz 20C
Failure Rate:	N/A
Resistance:	0.8 Ohms (100kHz)
Current:	433 mAmps (100kHz 25C), 389.7 mAmps (85C), 173.2 mAmps (125C)
Leakage Current:	5 uAmps (5min 20C)