

**KEMET Part Number: T491X156K050AT**  
(B45196H7156K509)

Capacitor, Tantalum, SMD, MnO<sub>2</sub>, Molded, 15 uF, 7343, +/-10% Tol, 50 VDC (85C)



#### Dimensions (mm)

Symbol	Dimension	Tolerance
L	7.3	+/-0.3
W	4.3	+/-0.3
H	4	+/-0.3
F	2.4	+/-0.1
S	1.3	+/-0.3
B	0.5	+/-0.15
X	0.1	+/-0.1
P	1.7	REF
R	1	REF
T	0.13	REF
A	3.6	MIN
G	3.5	REF
E	3.5	REF

#### Packaging Specifications

Package Kind:	T&R
Package Size:	7 in/180 mm
Package Quantity:	500

#### General Information

Supplier:	KEMET
Application:	General Purpose
Part Type Description:	SMD, MnO <sub>2</sub> , Molded
Construction:	Standard Chip-MnO <sub>2</sub>
Body Type:	SMD Chip
Footprint:	7343
Weight:	652.04 mg
RoHS:	Yes

#### Specifications

Capacitance:	15 uF
Tolerance:	+/-10%
Voltage:	50 VDC (85C)
Voltage:	33.5 VDC (125C)
Temperature Range:	-55/+125C
Current/Ripple Current:	486 mAmps (25C)
Current/Ripple Current:	437.4 mAmps (85C)
Current/Ripple Current:	194.4 mAmps (125C)
Resistance/ESR:	0.7 Ohms (100kHz)
Failure Rate:	N/A
Leakage Current:	7.5 uA
Dissipation Factor:	8%