

KEMET Part Number: T491D686M006AT
(B45196E1686M409)

Capacitor, Tantalum, SMD, MnO₂, Molded, 68 uF, 7343, +/-20% Tol, 6.3 VDC (85C)



Dimensions (mm)

Symbol	Dimension	Tolerance
L	7.3	+/-0.3
W	4.3	+/-0.3
H	2.8	+/-0.3
F	2.4	+/-0.1
S	1.3	+/-0.3
B	0.5	+/-0.15
X	0.1	+/-0.1
P	0.9	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 ₂ , Molded
Construction:	Standard Chip-MnO ₂
Body Type:	SMD Chip
Footprint:	7343
Weight:	446.84 mg
RoHS:	Yes

Specifications

Capacitance:	68 uF
Tolerance:	+/-20%
Voltage:	6.3 VDC (85C)
Voltage:	4.22 VDC (125C)
Temperature Range:	-55/+125C
Current/Ripple Current:	433 mAmps (25C)
Current/Ripple Current:	389.7 mAmps (85C)
Current/Ripple Current:	173.2 mAmps (125C)
Resistance/ESR:	0.8 Ohms (100kHz)
Failure Rate:	N/A
Leakage Current:	4.3 uA
Dissipation Factor:	6%