

KEMET Part Number: T491C686K006AT
(B45196H1686K309)

Capacitor, Tantalum, SMD, MnO₂, Molded, 68 uF, 6032, +/-10% Tol, 6.3 VDC (85C)



Dimensions (mm)

Symbol	Dimension	Tolerance
L	6	+/-0.3
W	3.2	+/-0.3
H	2.5	+/-0.3
F	2.2	+/-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	2.9	MIN
G	2.8	REF
E	2.4	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:	6032
Weight:	224.48 mg
RoHS:	Yes

Specifications

Capacitance:	68 uF
Tolerance:	+/-10%
Voltage:	6.3 VDC (85C)
Voltage:	4.22 VDC (125C)
Temperature Range:	-55/+125C
Current/Ripple Current:	303 mAmps (25C)
Current/Ripple Current:	272.7 mAmps (85C)
Current/Ripple Current:	121.2 mAmps (125C)
Resistance/ESR:	1.2 Ohms (100kHz)
Failure Rate:	N/A
Leakage Current:	4.3 uA
Dissipation Factor:	6%