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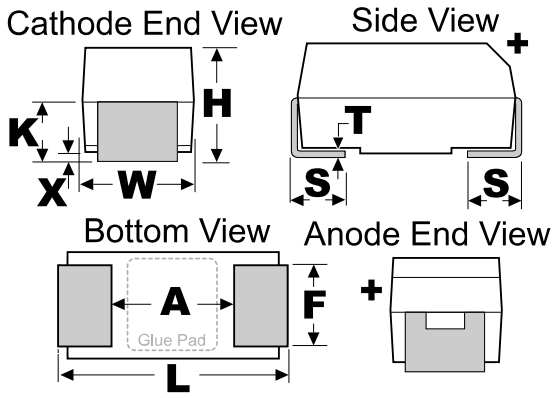
T520V686M010ATE045

KEMET

Tantalum Capacitors - Polymer SMD 68uF 10V ESR=45

KEMET Part Number: T520V686M010ATE045

Capacitor, Tantalum, SMD, Polymer, Molded, Low Profile/ESR, Non-Combustible, 68 uF, 7343, +/-20% Tol, -55/+105C, 10 VDC (105C)



General Information	
Supplier:	KEMET
Application:	Low ESR
Sub Application:	(NonCombustibleCathode)
Part Type Description:	SMD, Polymer, Molded, Low Profile/ESR, Non-Combustible
Construction:	Standard Chip-Polymer
Body Type:	SMD Chip
Footprint:	7343
Weight:	274.3 mg
RoHS:	Yes

Dimensions (mm)		
Symbol	**Dimension**	**Tolerance**
L	7.3	+/-0.3
W	4.3	+/-0.3
H	1.8	+/-0.1
F	2.4	+/-0.1
S	1.3	+/-0.3
X	0.05	REF
T	0.13	REF
A	3.6	MIN

Specifications	
Capacitance:	68 uF
Tolerance:	+/-20%
Voltage:	10 VDC (105C)
Temperature Range:	-55/+105C
Current/Ripple Current:	2000 mAmps (100kHz 45C)
Current/Ripple Current:	1400 mAmps (85C)
Current/Ripple Current:	950 mAmps (105C)
Resistance/ESR:	45 mOhms (100kHz 25C)
Failure Rate:	N/A
Leakage Current:	68 uA
Dissipation Factor:	10%

Packaging Specifications	
Package Kind:	T&R
Package Size:	7 in/180 mm
Package Quantity:	1000

Mouser Electronics

Authorized Distributor

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