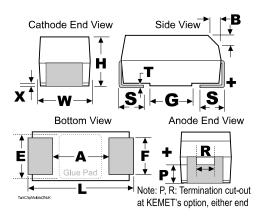
## **KEMET Part Number: T494A476M006AT**



## Capacitor, Tantalum, SMD, MnO2, Molded, Low ESR, 47 uF, 3216, +/-20% Tol, 6.3 VDC (85C)



Application: Low ESR Part Type Description: SMD, MnO2, Molded, Low ESR Construction: Standard Chip-MnO2 Body Type: SMD Chip Footprint: 3216 Weight: 58.6 mg	Supplier:	KEMET	
Construction: Standard Chip-MnO2  Body Type: SMD Chip  Footprint: 3216  Weight: 58.6 mg	Application:	Low ESR	
Body Type: SMD Chip Footprint: 3216 Weight: 58.6 mg	Part Type Description:	SMD, MnO2, Molded, Low ESR	
Footprint:         3216           Weight:         58.6 mg	Construction:	Standard Chip-MnO2	
Weight: 58.6 mg	Body Type:	SMD Chip	
	Footprint:	3216	
DoUC: Voc	Weight:	58.6 mg	
KUND. 162	RoHS:	Yes	
	Specifications		

**General Information** 

Dimensions (mm)		
Symbol	Dimension	Tolerance
L	3.2	+/-0.2
W	1.6	+/-0.2
Н	1.6	+/-0.2
F	1.2	+/-0.1
S	0.8	+0.2/-0.3
В	0.4	+/-0.15
X	0.1	+/-0.1
Р	0.4	REF
R	0.4	REF
Т	0.13	REF
Α	1.2	MIN
G	1.1	REF
E	1.3	REF

Specifications	
Capacitance:	47 uF
Tolerance:	+/-20%
Voltage:	6.3 VDC (85C)
Voltage:	4.22 VDC (125C)
Temperature Range:	-55/+125C
Current/Ripple Current:	173 mAmps (25C)
Current/Ripple Current:	155.7 mAmps (85C)
Current/Ripple Current:	69.2 mAmps (125C)
Resistance/ESR:	2.5 Ohms (100kHz)
Failure Rate:	N/A
Leakage Current:	3 uA
Dissipation Factor:	12%

Packaging Specifications	
Package Kind:	T&R
Package Size:	7 in/180 mm
Package Quantity:	2000

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