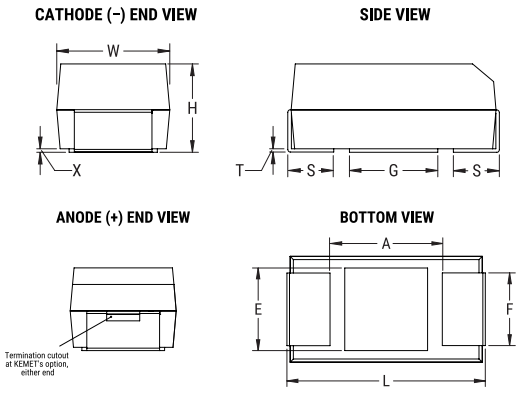
KEMET Part Number: T494V476K016AT

T494, Tantalum, MnO2 Tantalum, 47 uF, 10%, 16 VDC, SMD, MnO2, Molded, Low Profile, Low ESR, 300 mOhms, 7343, Height Max = 2mm



General Information	
Series:	T494
Dielectric:	MnO2 Tantalum
Style:	SMD Chip
Description:	SMD, MnO2, Molded, Low Profile, Low ESR
Features:	Low ESR
RoHS:	Yes
Termination:	Tin
AEC-Q200:	No
Shelf Life:	156 Weeks
MSL:	1

Dimensions	
Footprint	7343
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
H	1.8mm +/-0.2mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
A	3.6mm MIN
E	3.5mm REF
G	3.5mm REF
X	0.05mm REF

Specifications	
Capacitance:	47 uF
Capacitance Tolerance:	10%
Voltage DC:	16 VDC (85C), 10.72 VDC (125C)
Temperature Range:	-55/+125°C
Rated Temperature:	85°C
Dissipation Factor:	6% 120Hz 25C
Failure Rate:	N/A
Resistance:	0.3 Ohms (100kHz 25C)
Ripple Current:	645 mA (rms, 100kHz 25C), 580.5 mA (rms, 85C), 258 mA (rms, 125C)
Leakage Current:	7.5 uA (5min 25°C)

Packaging Specifications	
Weight:	286.4 mg
Packaging:	T&R, 178mm
Packaging Quantity:	1000