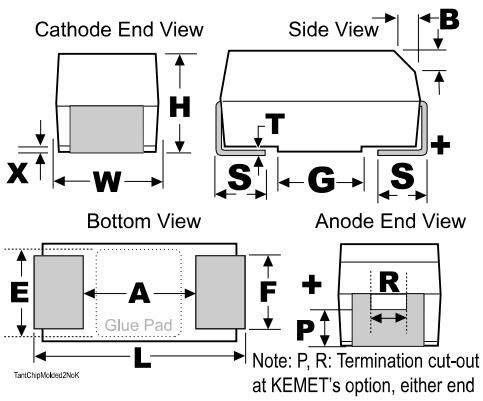
KEMET Part Number: T494C476K016AT

Tantalum, MnO2 Tantalum, T494, 47 uF, 10%, 16 V, 6032, SMD, MnO2, Molded, Low ESR, 500 mOhms, Height Max = 2.8mm



General Information	
Dielectric:	MnO2 Tantalum
Style:	SMD Chip
Series:	T494
Description:	SMD, MnO2, Molded, Low ESR
Features:	Low ESR
RoHS:	Yes
Termination:	Tin

Dimensions	
Footprint	6032
L	6mm +/-0.3mm
W	3.2mm +/-0.3mm
H	2.5mm +/-0.3mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.2mm +/-0.1mm
A	2.9mm MIN
B	0.5mm +/-0.15mm
E	2.4mm REF
G	2.8mm REF
P	0.9mm REF
R	1mm REF
X	0.1mm +/-0.1mm

Specifications	
Capacitance:	47 uF
Capacitance Tolerance:	10%
Voltage DC:	16 VDC (85C), 10.72 VDC (125C)
Temperature Range:	-55/+125C
Dissipation Factor:	6% 120Hz 20C
Failure Rate:	N/A
Resistance:	0.5 Ohms (100kHz)
Current:	469 mAmps (100kHz 25C), 422.1 mAmps (85C), 187.6 mAmps (125C)
Leakage Current:	7.5 uAmps (5min 20C)

Packaging Specifications	
Weight:	224.48 mg
Packaging:	T&R, 178mm
Packaging Quantity:	500

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