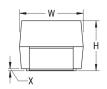


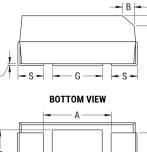
T489C685K035ATE600

T489, Tantalum, MnO2 Tantalum, 6.8 uF, 10%, 35 VDC, SMD, MnO2, Molded, Low Leakage, 600 mOhms, 6032, Height Max = 2.8mm

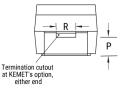
CATHODE (-) END VIEW

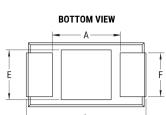


ANODE (+) END VIEW



SIDE VIEW





General Information	, ,
Series	T489
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded, Low Leakage
Features	Low Leakage
RoHS	Yes
Termination	Tin
AEC-Q200	No
Component Weight	224.48 mg
Shelf Life	156 Weeks
MSL	1

Specifications	
Capacitance	6.8 uF
Capacitance Tolerance	10%
Voltage DC	35 VDC (85C), 23.45 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	N/A
Resistance	600 mOhms (100kHz 25C)
Ripple Current	428 mA (rms, 100kHz 25C)
Leakage Current	1.8 uA (5min 25°C)

Dimensions	
Footprint	6032
L	6mm +/-0.3mm
W	3.2mm +/-0.3mm
Н	2.5mm +/-0.3mm
Т	0.13mm REF
S	1.3mm +/-0.3mm
F	2.2mm +/-0.1mm
А	3.1mm MIN
В	0.5mm +/-0.15mm
E	2.4mm REF
G	2.8mm REF
Р	0.9mm REF
R	1mm REF
Х	0.1mm +/-0.1mm

Т

Packaging Specifications	
Packaging	T&R, 178mm
Packaging Quantity	500

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