

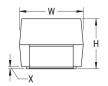
T489B476K006ATA1K6

T489 Auto, Tantalum, MnO2 Tantalum, 47 uF, 10%, 6.3 VDC, SMD, MnO2, Molded, Low Leakage, Auto, AEC-Q200, 1.62 Ohms, 3528, Height Max = 2.1mm

CATHODE (-) END VIEW



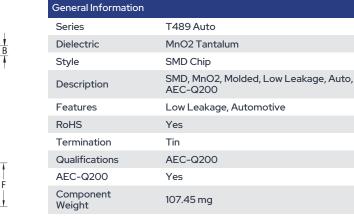
B



ANODE (+) END VIEW

R

Ρ



Specifications	
Capacitance	47 uF
Capacitance Tolerance	10%
Voltage DC	6.3 VDC (85C), 4.22 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	N/A
Resistance	1620 mOhms (100kHz 25C)
Ripple Current	229 mA (rms, 100kHz 25C)
Leakage Current	2.2 uA (5min 25°C)

Click here for the 3D model.

Termination cutout at KEMET's option, either end

Dimensions	
Footprint	3528
L	3.5mm +/-0.2mm
W	2.8mm +/-0.2mm
Н	1.9mm +/-0.2mm
Т	0.13mm REF
S	0.8mm +/-0.3mm
F	2.2mm +/-0.1mm
А	1.9mm MIN
В	0.4mm +/-0.15mm
E	2.2mm REF
G	1.8mm REF
Р	0.5mm REF
R	1mm REF
Х	0.1mm +/-0.1mm

Т

Packaging Specifications	
Packaging	T&R, 178mm
Packaging Quantity	2000

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.