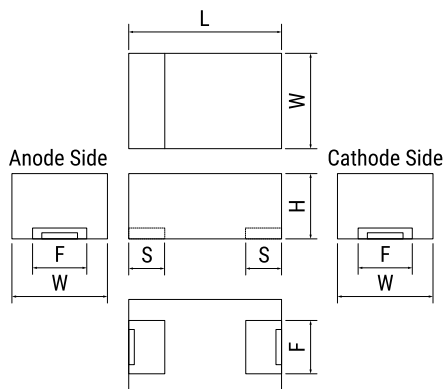


KEMET Part Number: T529P476M006AAE200
(TEGPSP20J476M1508R)

T529, Tantalum, Polymer Tantalum, Reduced Volume, 47 uF, 20%, 6.3 VDC, SMD, Polymer, Substrate, 200 mOhms, 2012, Height Max = 1mm



General Information

Series:	T529
Dielectric:	Polymer Tantalum
Style:	SMD Chip
Description:	SMD, Polymer, Substrate
Features:	Substrate
RoHS:	Yes
Termination:	Gold
AEC-Q200:	No
Shelf Life:	52 Weeks
MSL:	3

Dimensions

Footprint	2012
L	2mm +/-0.1mm
W	1.25mm +/-0.1mm
H	1mm MAX
S	0.55mm +/-0.1mm
F	0.9mm +/-0.1mm

Packaging Specifications

Weight:	11.4 mg
Packaging:	T&R, 178mm
Packaging Quantity:	3000

Specifications

Capacitance:	47 uF
Capacitance Tolerance:	20%
Voltage DC:	6.3 VDC (85C), 5.04 VDC (105C)
Temperature Range:	-55/+105°C
Rated Temperature:	85°C
Humidity:	60C, 90% RH, 500 Hours, No Load
Dissipation Factor:	6% 120Hz 25C
Failure Rate:	N/A
Resistance:	200 mOhms (100kHz 25C)
Ripple Current:	354 mA (rms, 100kHz 45C), 318.6 mA (rms, 85C), 141.6 mA (rms, 105C)
Leakage Current:	29.6 uA (5min 25°C)