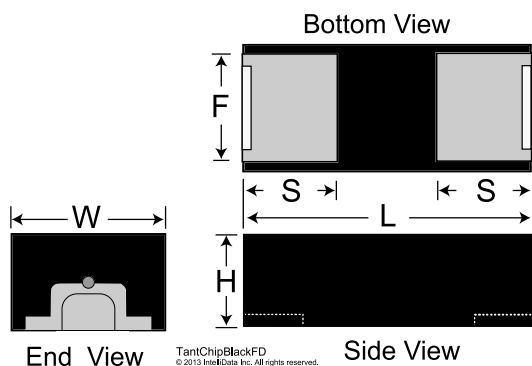


KEMET Part Number: T527I107M006ATE100
(T527I107M006ASE100, T527I107M6R3ATE100)

Tantalum, Polymer Tantalum, Reduced Volume, T527, 100 uF, 20%, 6.3 V, 3216, SMD, Polymer, Molded, Face Down Terminals, 100 mOhms, 1mm



Dimensions

Footprint	3216
L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
H	0.9mm +/-0.1mm
S	0.8mm +/-0.2mm
F	1.2mm +/-0.1mm

Packaging Specifications

Weight:	70.12 mg
Packaging:	T&R, 178mm
Packaging Quantity:	3000

General Information

Dielectric:	Polymer Tantalum
Style:	SMD Chip
Series:	T527
Description:	SMD, Polymer, Molded, Face Down Terminals
Features:	Face Down, Low Profile, Low ESR
RoHS:	Yes
Termination:	Tin

Specifications

Capacitance:	100 uF
Capacitance Tolerance:	20%
Voltage DC:	6.3 VDC (85C), 5.04 VDC (105C)
Temperature Range:	-55/+105C
Dissipation Factor:	8% 120Hz 25C
Failure Rate:	N/A
Resistance:	100 mOhms (100kHz 25C)
Current:	775 mAmps (100kHz 45C), 697.5 mAmps (85C), 310 mAmps (105C)
Leakage:	63 uAmps (5min 5C)