

T525, Tantalum, Polymer Tantalum, 10 uF, 20%, 10 VDC, SMD, Polymer, Molded, Low ESR, Non-Combustible, 3216, Height Max = 1.8mm



Dimensions

Footprint	3216
L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
H	1.6mm +/-0.2mm
T	0.13mm REF
S	0.8mm +/-0.3mm
F	1.2mm +/-0.1mm
A	0.8mm MIN
P	0.4mm REF
R	0.4mm REF
X	0.1mm +/-0.1mm

Packaging Specifications

Weight:	53.16 mg
Packaging:	T&R, 178mm
Packaging Quantity:	2000

General Information

Supplier:	KEMET
Series:	T525
Dielectric:	Polymer Tantalum
Style:	SMD Chip
Description:	SMD, Polymer, Molded, Low ESR, Non-Combustible
Features:	Low ESR
RoHS:	Yes
Termination:	Tin
Shelf Life:	52 Weeks
MSL:	3

Specifications

Capacitance:	10 uF
Capacitance Tolerance:	20%
Voltage DC:	10 VDC (105C), 6.7 VDC (125C)
Temperature Range:	-55/+125C
Rated Temperature:	105°C
Humidity:	60C, 90% RH, 1000 Hours, No Load
Dissipation Factor:	8.00% 120Hz 25C
Failure Rate:	N/A
Resistance:	80 mOhms (100kHz 25C)
Ripple Current:	1200 mA (100kHz 45C), 840 mA (85C), 300 mA (125C)
Leakage Current:	10 uA (5min 25C)