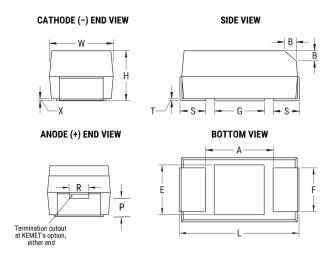


## T543B476M006ATW025

T543 HRA, Tantalum, Polymer Tantalum, HRA, 47 uF, 20%, 6.3 VDC, SMD, Polymer, Molded, Up Screening, N/A, 25 mOhms, 3528, Height Max = 2.1mm



Click here for the 3D model.

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
Α	1.9mm MIN
В	0.4mm +/-0.15mm
E	2.2mm REF
G	1.8mm REF
Р	0.5mm REF
R	1mm REF
Χ	0.1mm +/-0.1mm

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

General Information	
Series	T543 HRA
Dielectric	Polymer Tantalum
Style	SMD Chip
Description	SMD, Polymer, Molded, Up Screening
Features	Non-Combustible, Low ESR, High Reliability
RoHS	Yes
Termination	Tin
AEC-Q200	No
Component Weight	98.3 mg
Shelf Life	52 Weeks
MSL	3

Capacitance         47 uF           Capacitance Tolerance         20%           Voltage DC         6.3 VDC (105C), 4.22 VDC (125C)
Tolerance  Voltage DC  6.3 VDC (105C), 4.22 VDC (125C)
T
Temperature Range -55/+125°C
Rated Temperature 105°C
Humidity 60C, 90% RH, 500 Hours
Dissipation Factor 8% 120Hz 25C
Failure Rate N/A
Resistance 25 mOhms (100kHz)
Ripple Current 2254 mA (rms, 100kHz 45C)
Leakage Current 29.6 uA (5min 25°C)
Testing and 10 Cycles Surge Current Testing At -55C Reliability And +85C

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.