

# T513X226M035BC6110

T513 HRA, Tantalum, MnO<sub>2</sub> Tantalum, HRA Multi-Anode, 22 uF, 20%, 35 VDC, SMD, MnO<sub>2</sub>, Molded, Military Equivalent, MAT High Reliability, B (0.1%/1000 Hrs), 100 mOhms, 4.3 mm, 2817 / 7343



Click [here](#) for the 3D model.

## General Information

Series	T513 HRA
Dielectric	MnO <sub>2</sub> Tantalum
Style	SMD Chip
Description	SMD, MnO <sub>2</sub> , Molded, Military Equivalent, MAT High Reliability
Features	Low ESR
RoHS	No
Prop 65	<b>WARNING:</b> Cancer and reproductive harm - <a href="https://www.p65warnings.ca.gov/">https://www.p65warnings.ca.gov/</a>
SCIP Number	ff0ac6de-04a5-49fb-9ad1-557da7f701ca
Termination	Hot Solder Dipped
Typical Component Weight	430.15 mg

## Dimensions

L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
H	4mm +/-0.3mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
A	3.8mm MIN
B	0.5mm +/-0.15mm
E	3.5mm REF
G	3.5mm REF
P	1.7mm REF
R	1mm REF
X	0.1mm +/-0.1mm REF

## Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	500

## Specifications

Capacitance	22 uF
Tolerance	20%
Voltage DC	35 VDC (85C), 23.45 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	B (0.1%/1000 Hrs)
ESR	100 mOhms (100kHz 25C)
Ripple Current	1290 mA (rms, 100kHz 25C)
Leakage Current	7.7 uA (5min 25°C)
Testing and Reliability	Standard Testing Only

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.