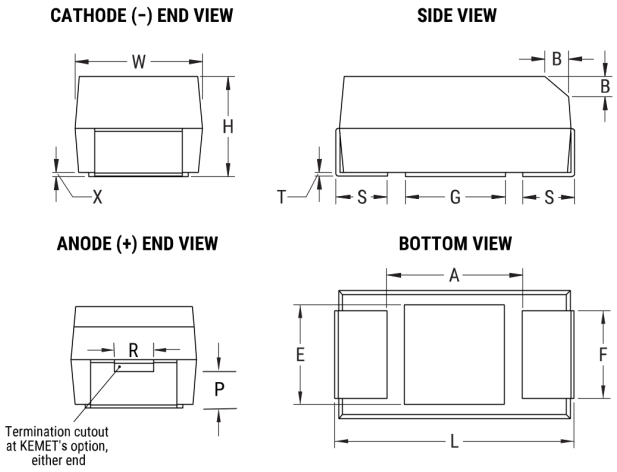
T510X476K035ATA055

T510 Auto, Tantalum, MnO2 Tantalum, Multi-Anode, 47 uF, 10%, 35 VDC, SMD, MnO2, Multi-Anode, LowESR, Auto, AEC-Q200, 55 mOhms, 7343, Height Max = 4.3mm



Click here for the 3D model.

Dimensions

Footprint	7343
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

Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	500

General Information

Series	T510 Auto
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Multi-Anode, LowESR, Auto, AEC-Q200
Features	Automotive, Low ESR
RoHS	Yes
Termination	Tin
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	430.15 mg
MSL	1

Specifications

Capacitance	47 uF
Capacitance Tolerance	10%
Voltage DC	35 VDC (85C), 23.45 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	8% 120Hz 25C
Failure Rate	N/A
Resistance	55 mOhms (100kHz 25C)
Ripple Current	2216 mA (rms, 100kHz 25C), 1994.4 mA (rms, 85C), 886.4 mA (rms, 125C)
Leakage Current	16.5 uA (5min 25°C)