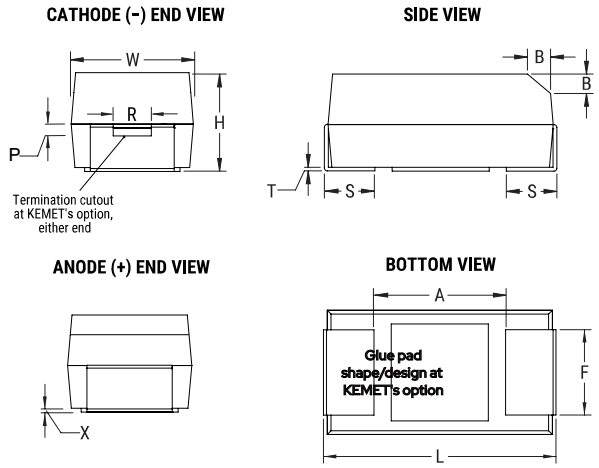
T598D227M010AHS025

T598, Tantalum, Polymer Tantalum, Commercial Grade, 220 uF, 20%, 10 VDC, SMD, Polymer, Molded, Low ESR, AEC-Q200, 25 mOhms, 7343, 3.1 mm, 1.3 mm



Click here for the 3D model.

General Information	
Series	T598
Dielectric	Polymer Tantalum
Style	SMD Chip
Description	SMD, Polymer, Molded, Low ESR, AEC-Q200
Features	Automotive (Surge testing at 25C / 10 cycles)
RoHS	No
Prop 65	**WARNING:** Cancer and reproductive harm - https://www.p65warnings.ca.gov/ .
SCIP Number	b064b03e-bd75-42af-b342-1fe94dec2340
Termination	Tin Lead (SnPb)
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	434.8 mg
Shelf Life	52 Weeks
MSL	3

Dimensions	
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
H	2.8mm +/-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
P	0.9mm REF
R	1mm REF
X	0.1mm +/-0.1mm REF

Packaging Specifications	
Packaging	T&R, 178mm
Packaging Quantity	500

Specifications	
Capacitance	220 uF
Tolerance	20%
Voltage DC	10 VDC (105C), 6.7 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	105°C
Humidity	85C, 85% RH, load, 1000 Hours
Dissipation Factor	10% 120Hz 25C
Failure Rate	N/A
ESR	25 mOhms (100kHz 25C)
Ripple Current	4240 mA (rms, 100kHz 45C), 2968 mA (rms, 105C), 1060 mA (rms, 125C)
Leakage Current	220 uA (5min 25°C)