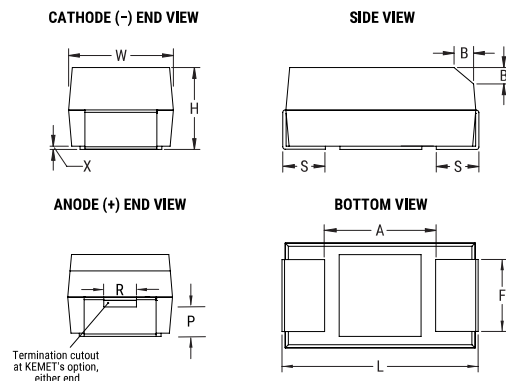


T502, Tantalum, MnO2 Tantalum, High Temperature, 6.8 uF, 10%, 35 VDC, SMD, MnO2, Un-Encapsulated, High Temperature, 230C, N/A, 1.8 Ohms, 7343, Height Max = 3.1mm



### Dimensions

Footprint	7343
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
H	2.8mm +/-0.3mm
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
A	3.6mm MIN
B	0.5mm +/-0.15mm
P	0.9mm REF
R	1mm REF
X	0.1mm +/-0.1mm

### Packaging Specifications

Weight:	292 mg
Packaging:	T&R, 178mm
Packaging Quantity:	500

### General Information

Supplier:	KEMET
Series:	T502
Dielectric:	MnO2 Tantalum
Style:	SMD Chip
Description:	SMD, MnO2, Un-Encapsulated, High Temperature, 230C
Features:	230C
RoHS:	Yes
Termination:	Gold
Notes:	In Polarity Stripe, At KEMET's Option, Type May Be Indicated: No Symbol = Standard (Or Low Leakage) MnO2 Tantalum Chip, O = LowESR T494, R = Low ESR T495, F = Fused T496, HT = 150C Rated T498 (or B45196P, B45198P), H = 175C rated T499, M = Multiple Anode
Shelf Life:	156 Weeks
MSL:	1

### Specifications

Capacitance:	6.8 uF
Capacitance Tolerance:	10%
Voltage DC:	35 VDC (85C), 28.7 VDC (125C), 11.6 VDC (230C)
Temperature Range:	-55/+230C
Rated Temperature:	85°C
Humidity:	85C, 85% RH, 0 V, 500 Hours
Dissipation Factor:	6.00% 120Hz 25C
Failure Rate:	N/A
Resistance:	1.8 Ohms (100kHz 25C)
Ripple Current:	289 mA (100kHz 45C)
Leakage Current:	2.4 uA (5min 25C)