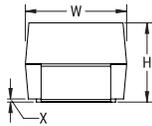


T495, Tantalum, MnO2 Tantalum, 680 uF, 10%, 6.3 VDC, SMD, MnO2, Molded, Low ESR, 100 mOhms, 7343, Height Max = 4.3mm

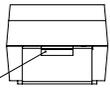
CATHODE (-) END VIEW



SIDE VIEW

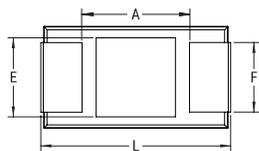


ANODE (+) END VIEW



Termination cutout at KEMET's option, either end.

BOTTOM VIEW



General Information

Supplier:	KEMET
Series:	T495
Dielectric:	MnO2 Tantalum
Style:	SMD Chip
Description:	SMD, MnO2, Molded, Low ESR
Features:	Low ESR
RoHS:	Yes
Termination:	Tin
Shelf Life:	156 Weeks
MSL:	1

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	3.6mm 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

Specifications

Capacitance:	680 uF
Capacitance Tolerance:	10%
Voltage DC:	6.3 VDC (85C), 4.22 VDC (125C)
Temperature Range:	-55/+125C
Rated Temperature:	85C
Dissipation Factor:	12.00% 120Hz 20c
Failure Rate:	N/A
Resistance:	100 mOhms (100kHz)
Ripple Current:	1285 mAmps (100kHz 25C), 1156.5 mAmps (85C), 514 mAmps (125C)
Leakage Current:	42.8 uA (5min 20C)

Packaging Specifications

Weight:	652.04 mg
Packaging:	T&R, 178mm
Packaging Quantity:	500

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.