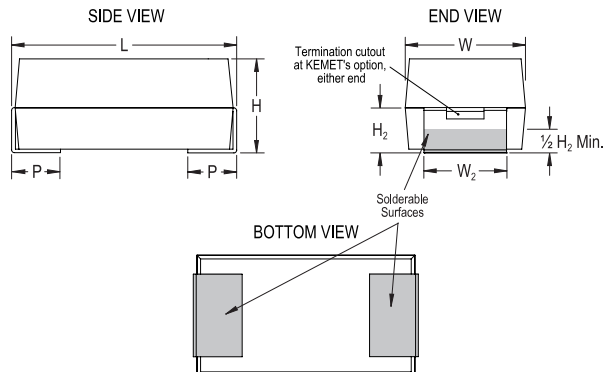


T497_COTS, Tantalum, MnO2 Tantalum, COTS, 47 uF, 10%, 10 VDC, SMD, MnO2, Molded, COTS, Medical, B (0.1%/1000 Hrs), 900 mOhms, 7238, Height Max = 3.17mm



Dimensions

Footprint	7238
L	7.24mm +/-0.38mm
W	3.81mm +/-0.38mm
H	2.79mm +/-0.38mm
S	1.27mm +0.025/-0.13mm
F	3.68mm +0.13/-0.51mm
A	4.7mm NOM
K	1.52mm MIN
P	0.76mm MIN

Packaging Specifications

Weight:	349.01 mg
Packaging:	T&R, 178mm
Packaging Quantity:	500

General Information

Supplier:	KEMET
Series:	T497_COTS
Dielectric:	MnO2 Tantalum
Style:	SMD Chip
Description:	SMD, MnO2, Molded, COTS, Medical
Features:	COTS, Medical
RoHS:	No
Prop 65:	 WARNING: Cancer and reproductive harm - www.p65warnings.ca.gov .
REACH:	SVHC (Pb – CAS 7439-92-1)
Termination:	Solder Coated
Notes:	P and R dimensions represents the minimum solderable area of the termination surface entirely below cutout (if one is present).. Note: When solder coated terminations are required, add an additional 0.38mm (0.015inch) to the tolerances for "L", "W", "H", "K", "F" and "S"
MSL:	1

Specifications

Capacitance:	47 uF
Capacitance Tolerance:	10%
Voltage DC:	10 VDC (85C), 6.7 VDC (125C)
Temperature Range:	-55/+125C
Rated Temperature:	85°C
Humidity:	85C, 85% RH, 1000 Hours, No Load
Dissipation Factor:	10.00% 120Hz 20c
Failure Rate:	B (0.1%/1000 Hrs)
Resistance:	0.9 Ohms (100kHz 20C)
Leakage Current:	4.7 uA (5min 20C)
Testing and Reliability:	Standard Testing Only