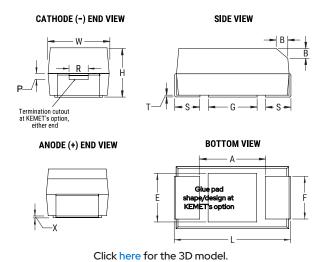


T493D475M050CH6410

T493 HRA, Tantalum, MnO2 Tantalum, HRA, 4.7 uF, 20%, 50 VDC, SMD, MnO2, Molded, High Reliability, C (0.01%/1000 Hrs), 1.5 Ohms, 7343, 3.1 mm, 1.3 mm



General Information	
Series	T493 HRA
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded, High Reliability
Features	High Reliability
RoHS	No
Prop 65	WARNING: Cancer and reproductive harm - https://www.p65warnings.ca.gov /
SCIP Number	1dd2e1b8-26dd-4d52-927c-6f9 d519011aa
Termination	Tin Lead (SnPb)
AEC-Q200	No
Typical Component Weight	412.33 mg
Notes	P and R dimensions represents the minimum solderable area of the termination surface entirely below cutout (if one is present).

Dimensions	
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
Н	2.8mm +/-0.3mm
Т	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
A	3.8mm MIN
В	0.5mm +/-0.15mm
E	3.5mm REF
G	3.5mm REF
Р	0.5mm MIN
R	1mm REF
Х	0.1mm +/-0.1mm REF

Specifications	
Capacitance	4.7 uF
Tolerance	20%
Voltage DC	50 VDC (85C), 33.5 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	C (0.01%/1000 Hrs)
ESR	1.5 Ohms (100kHz 25C)
Ripple Current	316 mA (rms, 100kHz 25C)
Leakage Current	2.4 uA (5min 25°C)
Testing and Reliability	10 Cycles Surge Current Testing At -55C And +85C Before Weibull

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

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