

T493D476K020BH6410

T493 HRA, Tantalum, MnO2 Tantalum, HRA, 47 uF, 10%, 20 VDC, SMD, MnO2, Molded, High Reliability, B (0.1%/1000 Hrs), 700 mOhms, 7343, Height Max = 3.1mm



Click	here	for	the	3D	model

Dimensions	
Footprint	7343
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
Α	3.8mm MIN
В	0.5mm +/-0.15mm
E	3.5mm REF
G	3.5mm REF
Р	0.5mm MIN
R	1mm REF
X	0.1mm +/-0.1mm

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

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 - http://www.p65warnings.ca.gov.			
SCIP Number	1dd2e1b8-26dd-4d52-927c-6f9d519011aa			
Termination	Solder Coated			
AEC-Q200	No			
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).			

Specifications	
Capacitance	47 uF
Capacitance Tolerance	10%
Voltage DC	20 VDC (85C), 13.4 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	B (0.1%/1000 Hrs)
Resistance	0.7 Ohms (100kHz 25C)
Ripple Current	463 mA (rms, 100kHz 25C)
Leakage Current	9.4 uA (5min 25°C)
Testing and Reliability	10 Cycles Surge Current Testing At -55C And +85C Before Weibull

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