T493A225K016CH6320

T493 HRA, Tantalum, MnO2 Tantalum, HRA, 2.2 uF, 10%, 16 VDC, SMD, MnO2, Molded, High Reliability, C (0.01%/1000 Hrs), 4 Ohms, 3216, 1.8 mm, 0.8 mm

CATHODE (–) END VIEW

SIDE VIEW

Termination cutout at KEMET's option, either end

ANODE (+) END VIEW

BOTTOM VIEW

Glue pad shape/design at KEMET's option

Click here for the 3D model.

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-6f9d519011aa
Termination	Tin Lead (SnPb)
AEC-Q200	No
Typical Component Weight	58.97 mg
Notes	P and R dimensions represents the minimum solderable area of the termination surface entirely below cutout (if one is present).

Dimensions

L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
H	1.6mm +/-0.2mm
T	0.13mm REF
S	0.8mm +/-0.3mm
F	1.2mm +/-0.1mm
A	1.2mm MIN
B	0.4mm +/-0.15mm
E	1.3mm REF
G	1.1mm REF
P	0.35mm MIN
R	0.4mm REF
X	0.1mm +/-0.1mm REF

Specifications

Capacitance	2.2 uF
Tolerance	10%
Voltage DC	16 VDC (85C), 10.72 VDC (125C)
Temperature Range	–55/+125°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	C (0.01%/1000 Hrs)
ESR	4 Ohms (100kHz 25C)
Ripple Current	137 mA (rms, 100kHz 25C)
Leakage Current	0.5 uA (5min 25°C)
Testing and Reliability	10 Cycles Surge Current Testing At –55C And +85C After Weibull

Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	2000