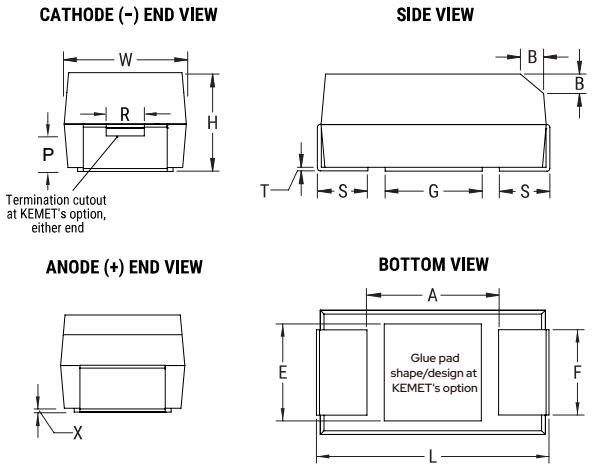
T496C107K006CH64107640

T496 HRA, Tantalum, MnO2 Tantalum, HRA, 100 uF, 10%, 6.3 VDC, SMD, MnO2, Molded, Military, Fused, High Reliability, C (0.01%/1000 Hrs), 400 mOhms, 2.8 mm, 2312 / 6032



Click here for the 3D model.

General Information	
Series	T496 HRA
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded, Military, Fused, High Reliability
Features	Internal Fuse, 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)
Typical Component Weight	224.48 mg

Dimensions	
L	6mm +/-0.3mm
W	3.2mm +/-0.3mm
H	2.5mm +/-0.3mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.2mm +/-0.1mm
A	3.1mm MIN
B	0.5mm +/-0.15mm
E	2.4mm REF
G	2.8mm REF
P	0.9mm REF
R	1mm REF
X	0.1mm +/-0.1mm REF

Specifications	
Capacitance	100 uF
Tolerance	10%
Voltage DC	6.3 VDC (85C), 4.2 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	8% 120Hz 25C
Failure Rate	C (0.01%/1000 Hrs)
ESR	400 mOhms (100kHz 25C)
Ripple Current	524 mA (rms, 100kHz 25C)
Leakage Current	6.3 uA (5min 25°C)
Testing and Reliability	Surge Testing At -55C +/-5C And +85C +/-5C Before Weibull

Packaging Specifications	
Packaging	Bulk Plastic Box

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.

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