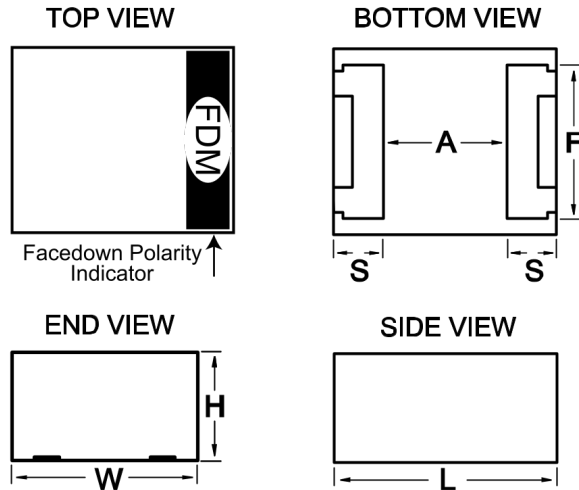


## T428P686K025BH6320

Obsolete

T428 HRA, Tantalum, MnO<sub>2</sub> Tantalum, HRA Reduced Volume, 68 uF, 10%, 25 VDC, SMD, MnO<sub>2</sub>, High CV, Molded, High Reliability, Face Down, B (0.1%/1000 Hrs), 95 mOhms, 7260, Height Max = 3.5mm



Click [here](#) for the 3D model.

### Dimensions

Footprint	7260
L	7.2mm +/-0.4mm
W	6mm +/-0.3mm
H	3.5mm MAX
S	1.6mm +/-0.2mm
F	4.95mm +/-0.2mm
A	3.8mm NOM

### Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	500

### General Information

Series	T428 HRA
Dielectric	MnO <sub>2</sub> Tantalum
Style	SMD Chip
Description	SMD, MnO <sub>2</sub> , High CV, Molded, High Reliability, Face Down
RoHS	No
Prop 65	<b>⚠ WARNING:</b> Cancer and reproductive harm - <a href="http://www.p65warnings.ca.gov">http://www.p65warnings.ca.gov</a> .
Termination	Solder Coated
AEC-Q200	No
Component Weight	0.86 mg
Notes	In polarity stripe, at KEMET's option, type may be indicated: FDM= face down terminals T428.
MSL	1

### Specifications

Capacitance	68 uF
Capacitance Tolerance	10%
Voltage DC	25 VDC (85C), 16.75 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	B (0.1%/1000 Hrs)
Resistance	95 mOhms (100kHz 25C)
Ripple Current	1850 mA (rms, 100kHz 25C)
Leakage Current	17 uA (5min 25°C)
Testing and Reliability	10 Cycles Surge Current Testing At -55C And +85C After Weibull

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