

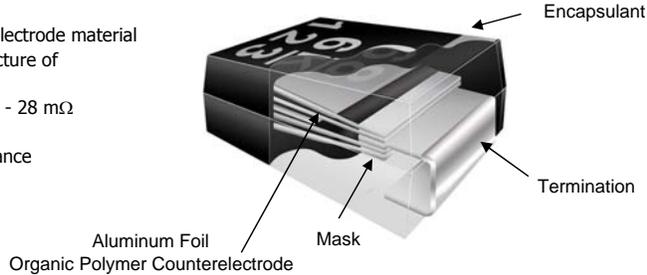
KEMET Surface Mount Aluminum

Revision D, 12 March 07

Note: Information subject to change without notice. Monitor website regularly for updates.
KEMET is not liable for any damages, direct or indirect, consequential or otherwise, that the reader might incur as a result of ignoring this warning, or that any third party might suffer as a result of the reader's ignoring this warning.

Characteristics and Typical Construction

- Organic polymer counterelectrode material
- Product supports manufacture of RoHS-compliant EEE
- Extremely low ESR, 7 mΩ - 28 mΩ
- 2 - 10 Volts
- ± 20% Capacitance tolerance
- Tape & Reel Packaging



RoHS Restricted Substance Content

Key for Determining Adherence to China RoHS and EU 2002/95/EC and 2005/618/EC Content Criteria¹
 O = ≤ MCV, X = > MCV, X = > MCV, but EU RoHS Compliant with Exemption(s)

KEMET Product	Material and MCV ¹	Restricted Material						Compliant Version		China RoHS Symbol ²
		Cd	Cr ⁶⁺	Pb	Hg	PBB	PBDE	Available since	Standard since	
Aluminum Surface Mount	A700	O	O	O	O	O	O	Dec-02	Dec-02	

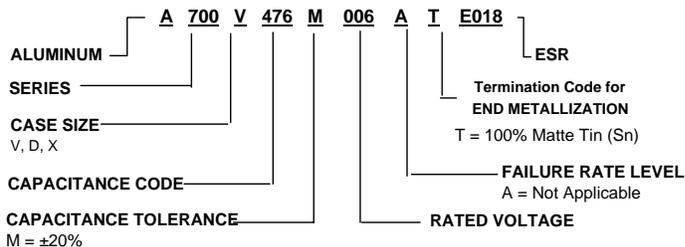
¹ MCV = Maximum Concentration Values per 2005/618/EC amending RoHS Directive 2002/95/EC and China RoHS criteria.
² China RoHS Symbol based on current manufacturing. Refer to notes in Pb column for transition dates.

Soldering Capability Characteristics

	Matte Tin Termination	SnPb Termination
Termination Material	CDA Copper Alloy 194	<i>SnPb Termination not currently offered for this product.</i>
Termination Plating (Barrier)	100% Matte Tin (Nickel)	
Peak Temperature Capability	PWC ≥ 605, 260°C, PWC < 605, 250°C	
Soldering Process Compatibility	Backward & Forward Compatible	
MSL Rating	3	
Tin Whisker Test Results <i>based on JESD22-A121 and JESD201³</i>	Class 2	

³ Per EIA/ECA component bulletin CB19, tin whiskering is not considered a reliability risk within the capacitor industry for non-Military / Hi-Rel applications.

Ordering



Identification

Reel level KEMET EZ 1D label indicates product content relative to substance restrictions of the EU RoHS Directive, 2002/95/EC, 2005/618/EC and China RoHS..
 RoHS-PRC = Meets criteria without exemption
 RoHS-EU = Meets criteria with exemption
 RoHS-NO = Does not meet criteria

