

EIA/ECA STANDARD

MOLDED TANTALUM CHIP CAPACITOR WITH POLYMER CATHODE

EIA/ECA-953

FEBRUARY 2006



Electronic Components, Assemblies & Materials Association

**ELECTRONIC COMPONENTS, ASSEMBLIES & MATERIALS
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(From PN-4904 formulated under the cognizance of the P-2.5 Committee on Tantalum Capacitors).

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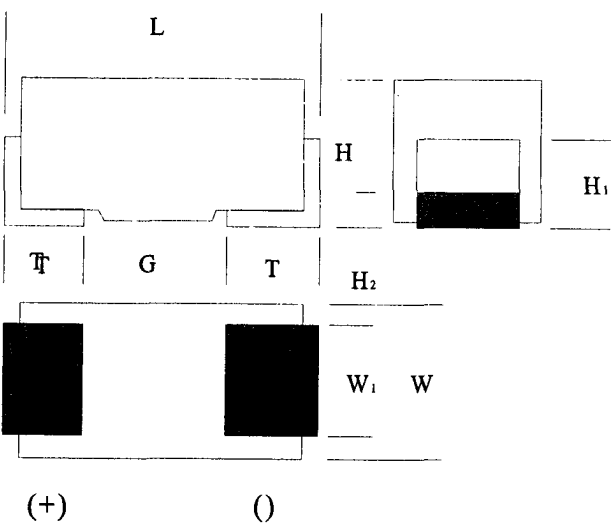
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ELECTRONICS INDUSTRIES ASSOCIATION ☐	EIA/ECA-953
Electronic Components of Assessed Quality in Accordance with: EIA-5350000	
Outline Drawing: (Third Angle Projection)  (Other shapes permitted within the dimensions given) <u>Notes:</u> 1. Dimensions - see Table 1. 2. Recommended Land Patterns -- see 1.1 3. Marking - see 5.0 4. Solderability Inspection-shaded areas, excluding edges. ☐	Fixed Tantalum Chip Capacitor Style 1 Protected (Molded) ☐ Polar, Nonhermetically Sealed Chip Capacitor with Conductive Polymer counterelectrode and Porous Tantalum Anode Electrical Circuit (-) (+) •-----) -----• Assessment Level: E ☐ Suitable for Surface Mounting
<u>Quick Reference Data:</u> Rated Capacitance Range – 4.7μF to 1500μF Capacitance Tolerance - $\pm 20\%$ Rated Voltage Range - 2 - 25 volts DC Climatic Category - -55/105/56 and -55/125/56 * Refer to Manufacturer's Data Sheet Performance Level - Long Life ☐	