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RE: Flammability Characteristics

Component Types: Leaded & SMT (V-chip format) Aluminum Electrolytic Capacitors with liquid electrolyte construction

Flammability testing, such as the Japanese test (JIS C0061-1985 Fire Hazard Testing Part 2: Needle Flame Test) or UL94 (Tests for flammability of plastic materials), covers the flammability characteristics of components containing polymers. Both of these tests are chiefly intended for resin encapsulated products and are typically not applied to aluminum electrolytic capacitors with liquid electrolyte construction.

Flammable materials within Leaded & SMT (V-chip format) Aluminum Electrolytic Capacitors with liquid electrolyte construction include:

- Separator paper
 - Typically Kraft and Manila paper 40~50um thickness
- Liquid electrolytes,
 - Typically solvents based upon ethylene glycol (EG) and gamma-butyrolactone (GBL)

Prepared by:

A handwritten signature in black ink, appearing to read 'Jim Wright', with a horizontal line extending to the right.

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