

# NASA TECH BRIEF

## *Marshall Space Flight Center*



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### Radiographic Inspection Specifications for Electronic Components

Preliminary test specifications for the radiographic inspection of electronic devices such as integrated circuits, discrete components, relays and coils, outline requirements, test conditions, and recommended techniques for such operations. Detailed quality assurance provisions cover the areas of personnel training, radiographic equipment, radiographic test procedures, and inspection and examination of radiographs. Supplementary information includes the accept/reject criteria for the radiographic inspection of resistors, capacitors, transistors, hybrid microcircuits, diodes, small coils and transformers. Although these test specifications are not official, they should be useful in establishing in-house radiographic test procedures for those involved in the manufacture or use of electronic circuits and components.

#### **Note:**

Requests for further information may be directed to:

Technology Utilization Officer  
Code A&TS-TU  
Marshall Space Flight Center  
Huntsville, Alabama 35812  
Reference: B71-10438

#### **Patent status:**

This invention is owned by NASA, and a patent application has been filed. Royalty-free nonexclusive licenses for its commercial use will be granted by NASA. Inquiries concerning license rights should be made to:

Patent Counsel  
Mail Code A&TS-PAT  
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