

# PROPOSED SMPTE ENGINEERING GUIDELINE

## Considerations for Cassette Bar Code Readers

### 1 Scope

This guideline illustrates examples of possible manufacturing implementations of the cassette label recess area which may impact the reading of bar code labels.

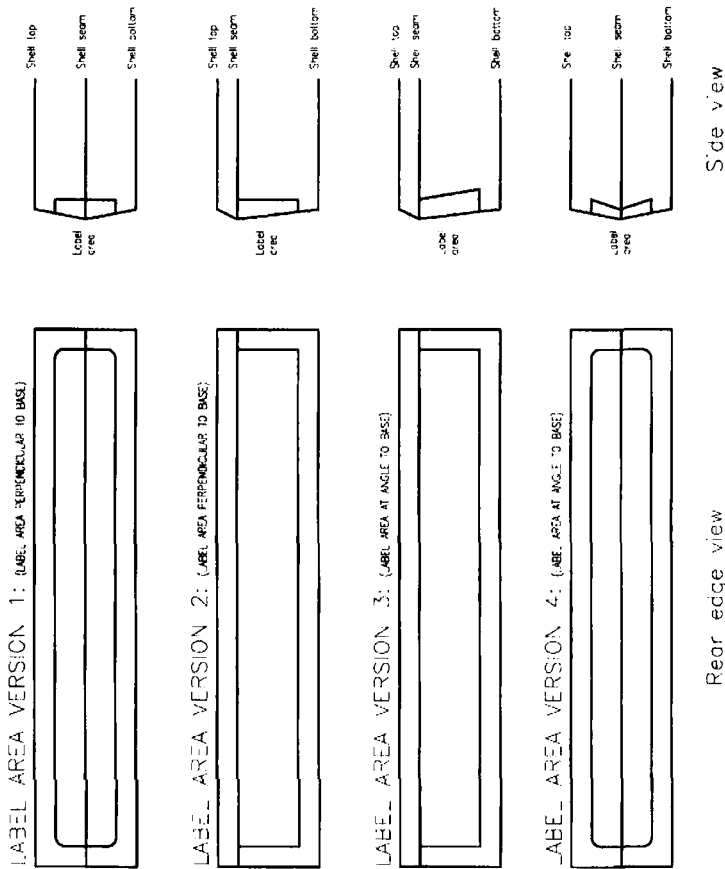
It applies to all SMPTE standardized cassettes which employ a label area utilized for bar code identification.

### 2 Manufacturing implementations

Cassette manufacturers may employ a variety of methods in the plastic molding process and in the placement of the cassette shell seam. This results in differences in the label area. Figure 1 illustrates examples of several possible implementations of the cassette label recess area.

### 3 Bar code readers

Given the various implementations possible, equipment manufacturers should consider these factors in the design of optical bar code readers.



NOTE -- Diagrams are not to scale; cassette profile differences have been exaggerated to clearly indicate the differences.

Figure 1 - Examples of possible implementations of the cassette label recess area