

## **1. SCOPE.**

## 2. REQUIREMENTS.

## 2.1 Ribbon Cable Specifications.

## 2.2 Ribbon Cable Preparation.

A schematic diagram of a cutting mechanism. A horizontal line represents the 'Ribbon Cable'. Above it, a vertical, elongated, pointed shape represents the 'Straight Action Or Floating Cutting Blade'. An arrow points down to the top of this blade. Below the ribbon cable, a rectangular block represents the 'Plastic Or Soft Metal Anvil'. An arrow points to the right side of this block. The blade is positioned directly above the cable, and the anvil is positioned directly below it.

### Figure 1

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### 2.3 Inspection Criteria.

The "Micro-MaTor" automatically checks each applied connector on continuity and shorts. With the other application tools an inspection device is not available, hence, if required, continuity and shorts must be checked separately

For visual examination of the connector/cable combination the following criteria do apply:

- Ribbon cable location.  
For a connector applied to the end of a ribbon cable, the end face of the cable may lay in the connector with a maximum of 0,25 mm (See figure 2).
- The cover shall be securely applied to the connector housing: both end latches of the cover shall be snapped properly over the corresponding locking protrusions on the housing.
- The height of the connector/cable assembly is not a proper criterium to judge the quality of the termination. Due to the miniature dimensions of the connector, the tolerances and the properties of the cable insulation may affect this height.  
To ensure the quality of the termination, the AMP application tooling is designed to have a closing height between upper and lower tooling part of 4,95 – 5,10 millimeters

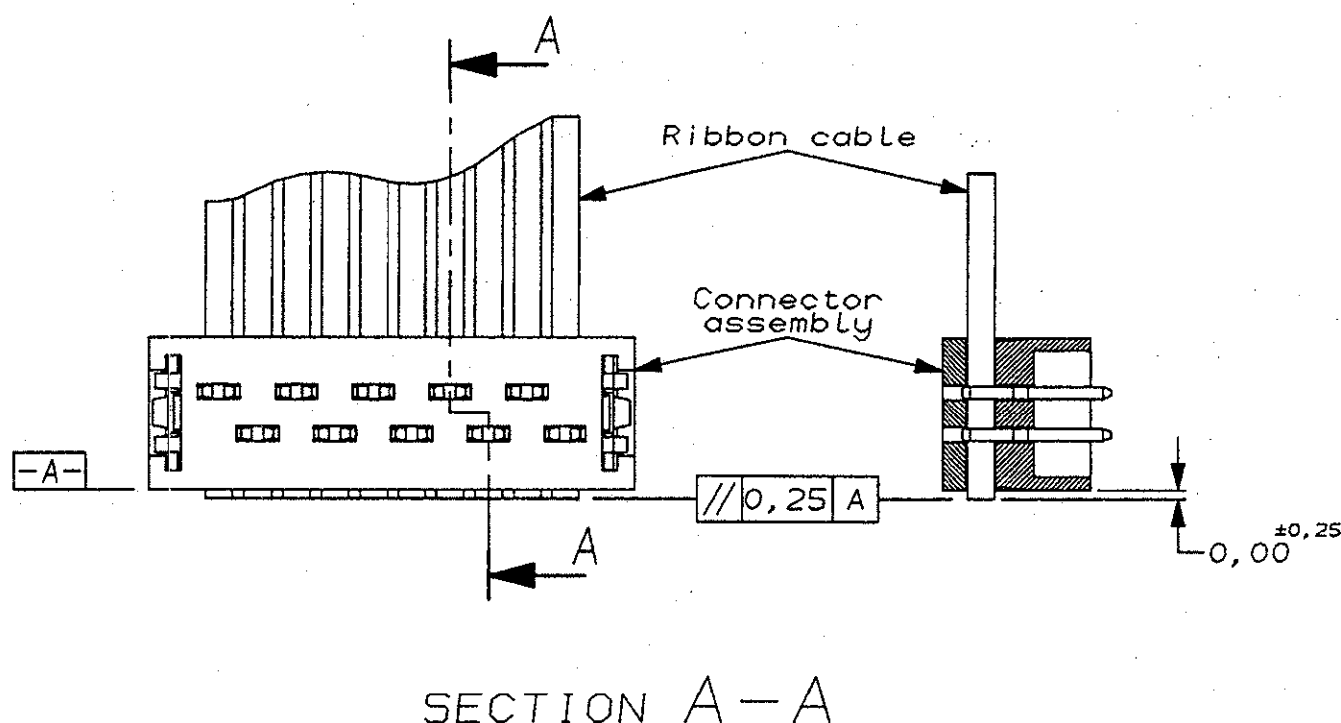


Figure 2