

APPLICATION SPECIFICATION

1. SCOPE

This specification covers the requirements for application of AMP* pin receptacle contacts. These requirements are applicable to automatic machine crimping tools. For specific wire and insulation ranges relative to the products covered in this specification refer to the appropriate AMP customer drawing.

2. NOMENCLATURE

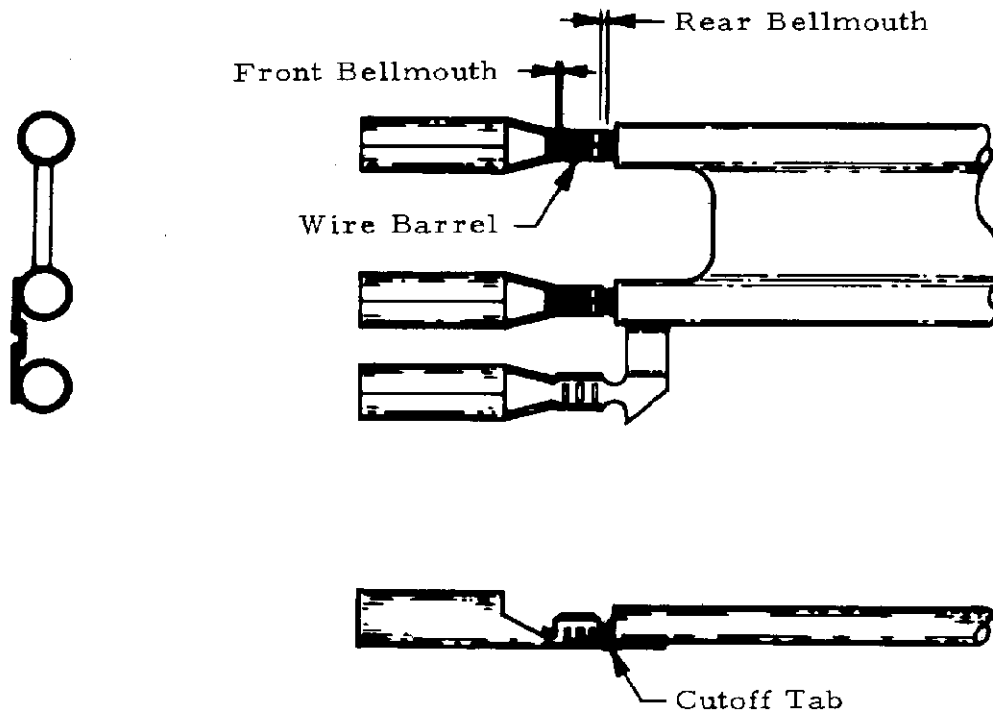


Figure 1

3. CRIMP AND DIMENSIONAL REQUIREMENTS

3.1. Crimp Dimensions and Type

Crimp height, width and type shall be as shown in the appropriate Applicator Log Sheet.

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C	DIST 02	0	Was SDF 1C-28	LTR	REVISION RECORD	APP	DATE	DR <i>Thomas J. Christman</i> 12-10-84	AMP INCORPORATED Harrisburg, Pa. 17105		
								CHK <i>AC. Ballman</i> 12-7-84			
								APP <i>J. R. Pennington</i> 12/7/84	LOC B	NO 114-2080	REV 0
								TITLE CONTACT, PIN RECEPTACLE			
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3.2. Carrier Cutoff Tab

Cutoff tab shall not exceed .015.

3.3. Bellmouth

- A. Rear bellmouth length shall be .005-.020.
- B. Front bellmouth length shall not exceed .010.

3.4. Conductor Location

End of the wire shall lay flat and extend .047 maximum out the front end of the wire barrel after crimping.

3.5. Alignment

- A. Contact center to center distance shall be within the limits specified in Figure 2 during shearing and crimping of wire lead.

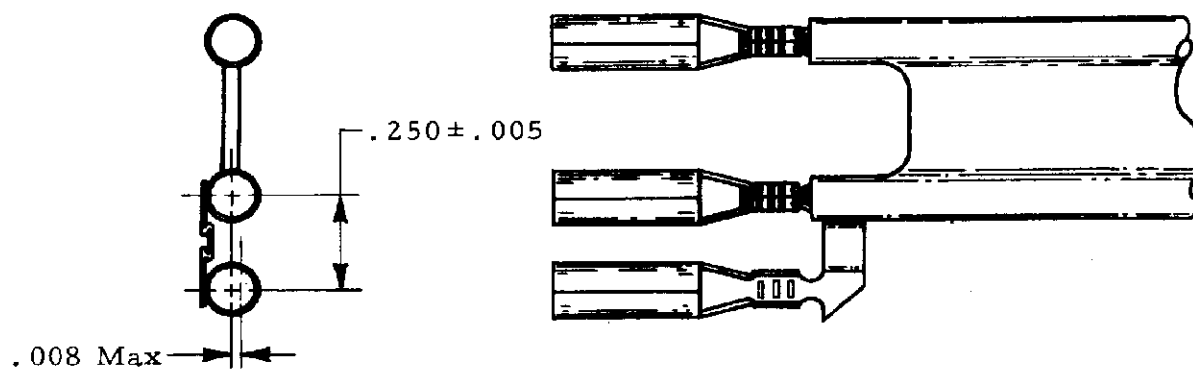


Figure 2

- B. Relief angle shall be within the limits specified in Figure 3.

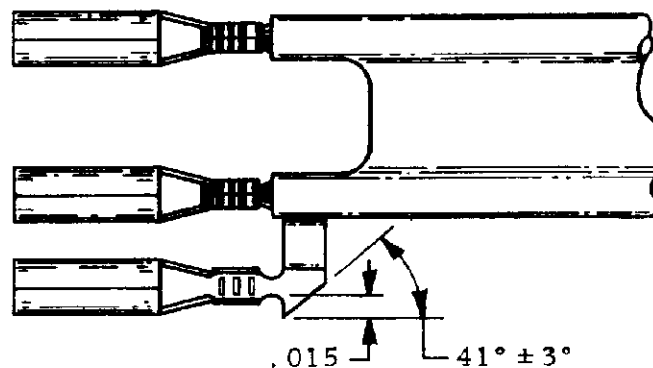


Figure 3

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- C. Contact shall not be bent above or below the datum line more than the amount shown in Figure 4.

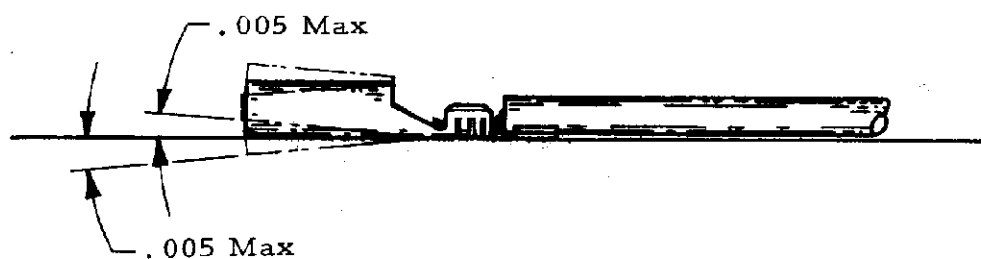


Figure 4

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