

APPLICATION SPECIFICATION

1. SCOPE

This specification covers the requirements for application of the AMP* PN 119508 post feed thru contact.

2. NOMENCLATURE

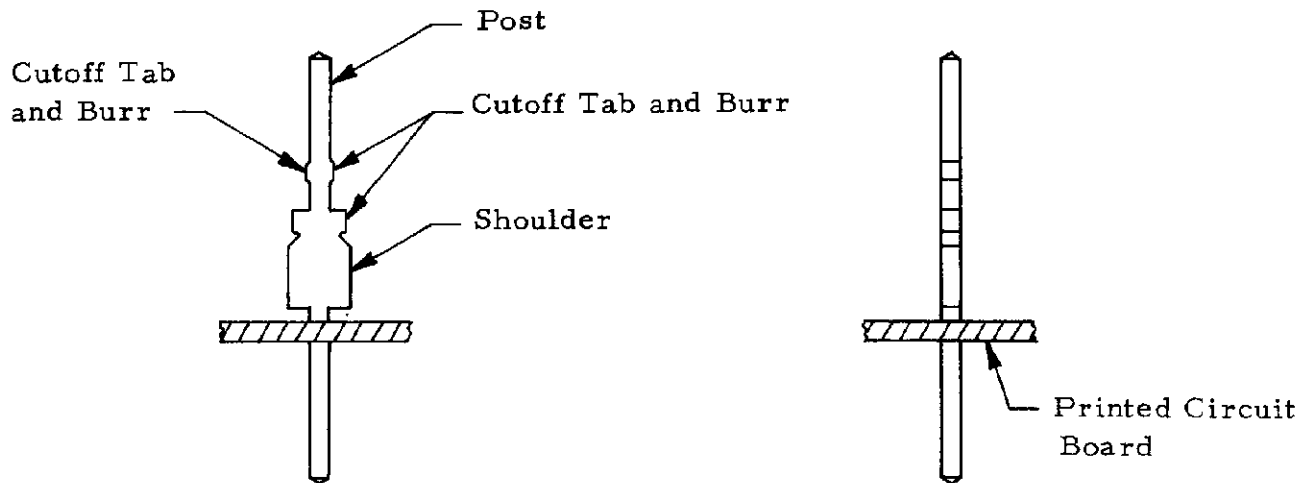


Figure 1

3. REQUIREMENTS

3.1. Printed Circuit Board

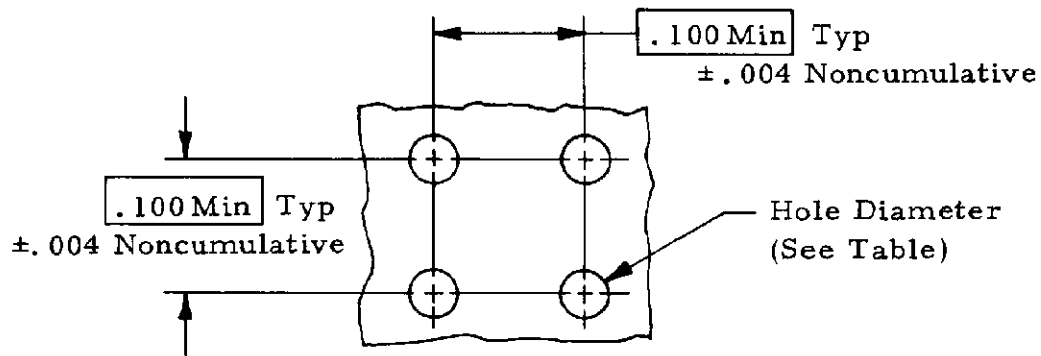
- A. Thickness shall be $.093 \pm .009$ and $.125 \pm .012$.
- B. Material shall be glass reinforced epoxy metal clad laminate printed circuit board. For other materials consult AMP Engineering.

*Trademark of AMP Incorporated.

©COPYRIGHT 1983
BY AMP INCORPORATED HARRISBURG, PA. ALL INTERNATIONAL
RIGHTS RESERVED. AMP PRODUCTS MAY BE COVERED BY U.S. AND
FOREIGN PATENTS AND/OR PATENTS PENDING.

| | | | | | | | | | | | |
|---|------|----|-----|-----------------|-----|------|---------------------------------|--|-----------|---|--|
| B | DIST | 26 | LTR | REVISION RECORD | APP | DATE | DR | AMP | | AMP INCORPORATED Harrisburg, Pa. 17105 | |
| | | | | | | | CHK | LOC | NO | REV | |
| | | | | | | | <i>Harry D. English</i> 7-20-83 | B | 114-26005 | 0 | |
| | | | | | | | <i>Ray M. Seis</i> 7-21-83 | | | | |
| | | | | | | | <i>E. M. Galt</i> 7/21/83 | | | | |
| | | | | | | | SHEET | TITLE | | | |
| | | | | | | | 10 OF 3 | CONTACT, POST FEED THRU, APPLICATION OF | | | |

C. Layout shall be as indicated in Figure 2.



| Required Drill Size | Hole Dia ±.0010 | Plating Thickness | | Hole Diameter | | Copper Hardness, Knoop |
|---------------------|--------------------|-------------------|-----------|---------------|--------------|------------------------|
| | | Copper | Tin/Lead | After Plating | After Reflow | |
| 1.15 mm | .0453 | .001-.003 | .0003 min | .037-.043 | .036-.043 | 150 max |

Figure 2

3.2. Cutoff Tab and Burr

A. Cutoff tabs shall not exceed the limits specified in Figure 3.

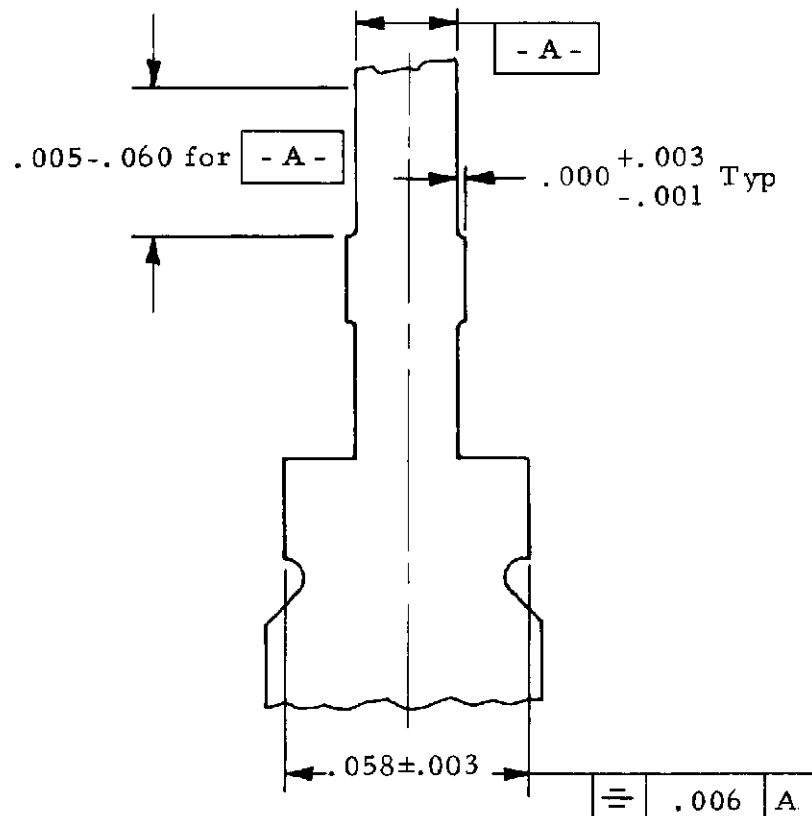


Figure 3

AMP

AMP INCORPORATED
Harrisburg, Pa. 17105

LOC
B

SHEET
2 OF 3

NO

114-26005

REV

0

B. Burr on cutoff tabs shall not exceed .003.

3.3. Insertion

Posts shall be inserted in the printed circuit board within limits specified in Figure 4.

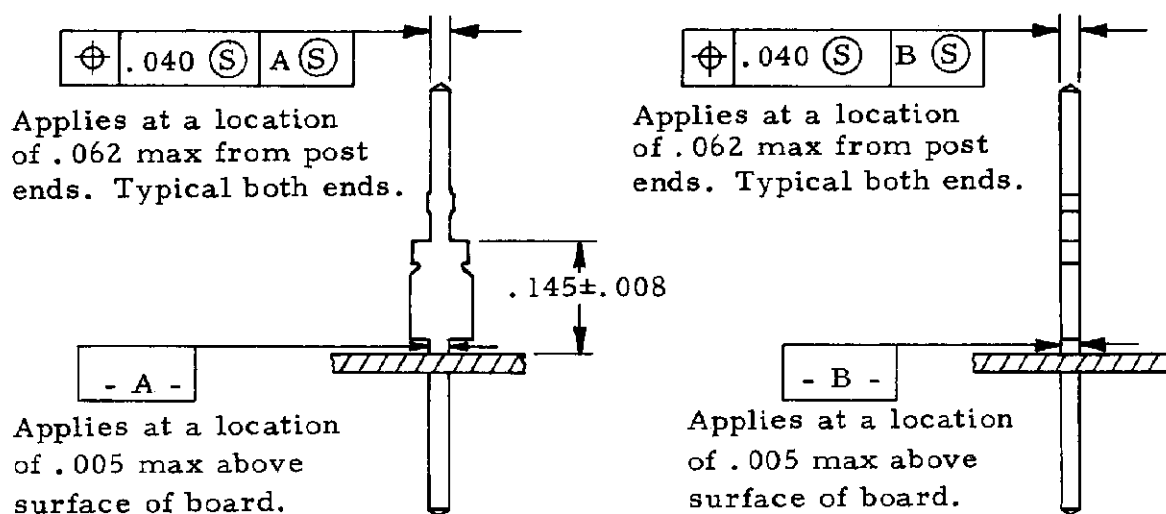


Figure 4

3.4. Rotation

Post shall be parallel to the datum line as indicated in Figure 5.

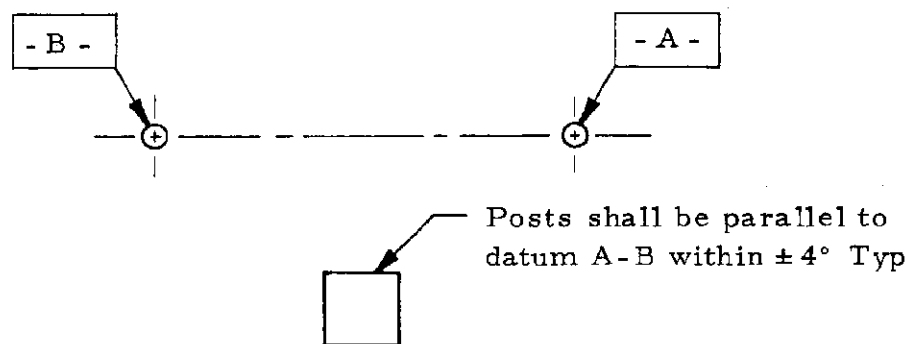


Figure 5

3.5. Workmanship

Damage to the circuitry on either side of the printed circuit board is not permissible.

AMP

AMP INCORPORATED
Harrisburg, Pa. 17105

LOC
B

SHEET
3 OF 3

NO

114-26005

REV
0