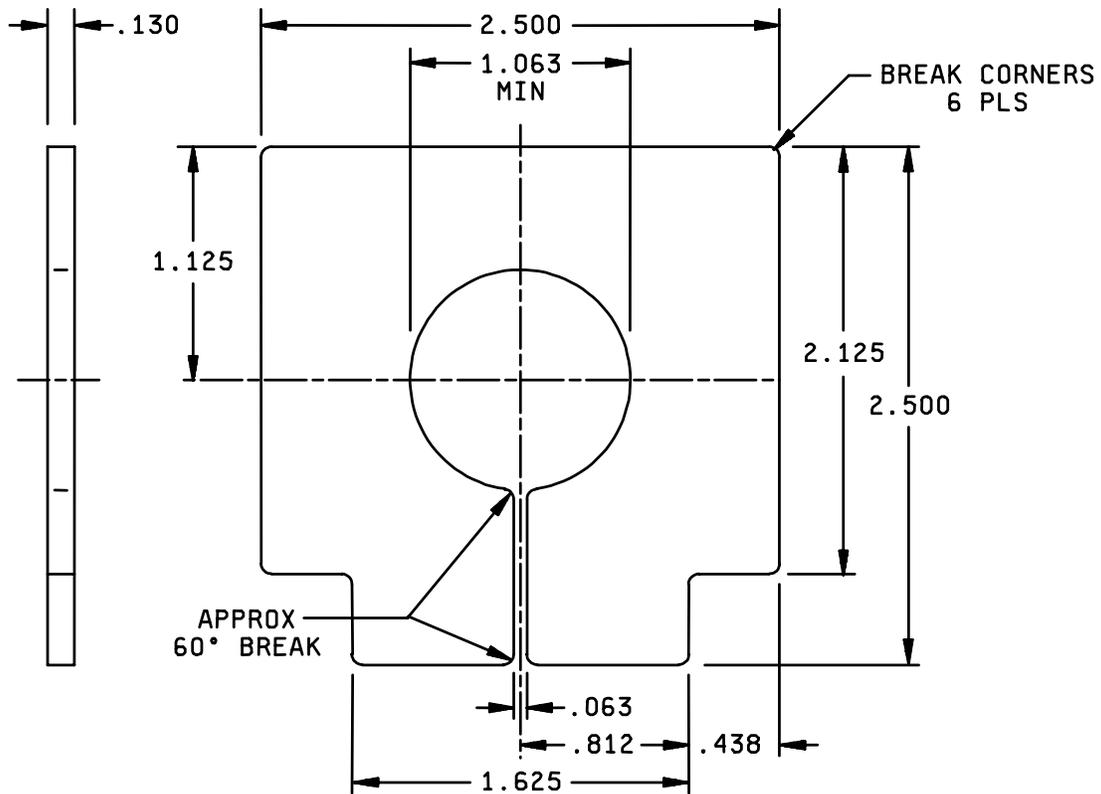


NOTES:

1. Contact pressure 50 grams minimum.
2. PC section captured within shoulders of contact blade carrier, rotational fit to be .005 nominal.
3. Eyelet, .0625 inch, diameter. Length to suit. Brass with .0001 inch minimum nickel plate in accordance with SAE-AMS-QQ-N-290.
4. Must be capable of switching audio signals with amplitudes between -40 dBm to +20 dBm.
5. 100 percent production testing for point to point continuity.

FIGURE 1. Section assembly.

| | | | |
|---|--------------------------|--|---------------------------------|
| <p>DEFENSE SUPPLY CENTER, COLUMBUS COLUMBUS, OHIO</p> | <p>SIZE A</p> | <p>CODE IDENT NO. 037Z3</p> | <p>DWG NO. 85093</p> |
| | | <p>REV B</p> | <p>PAGE 2</p> |



| Inches | mm | Inches | mm | Inches | mm |
|--------|-------|--------|-------|--------|-------|
| .063 | 1.60 | .812 | 20.63 | 1.625 | 41.28 |
| .130 | 3.30 | 1.063 | 27.00 | 2.125 | 53.98 |
| .438 | 11.13 | 1.125 | 28.58 | 2.500 | 63.50 |

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Unless otherwise specified, tolerance is ± 0.005 (0.13 mm).
4. Material glass epoxy, type FR4.
5. Break slot entrance and exit approximately 60 degrees.

FIGURE 2. Printed circuit board.

| | | | |
|---|-------------------------|---------------------------------------|--------------------------------|
| DEFENSE SUPPLY CENTER, COLUMBUS COLUMBUS, OHIO | SIZE A | CODE IDENT NO. 037Z3 | DWG NO. 85093 |
| | | REV B | PAGE 3 |

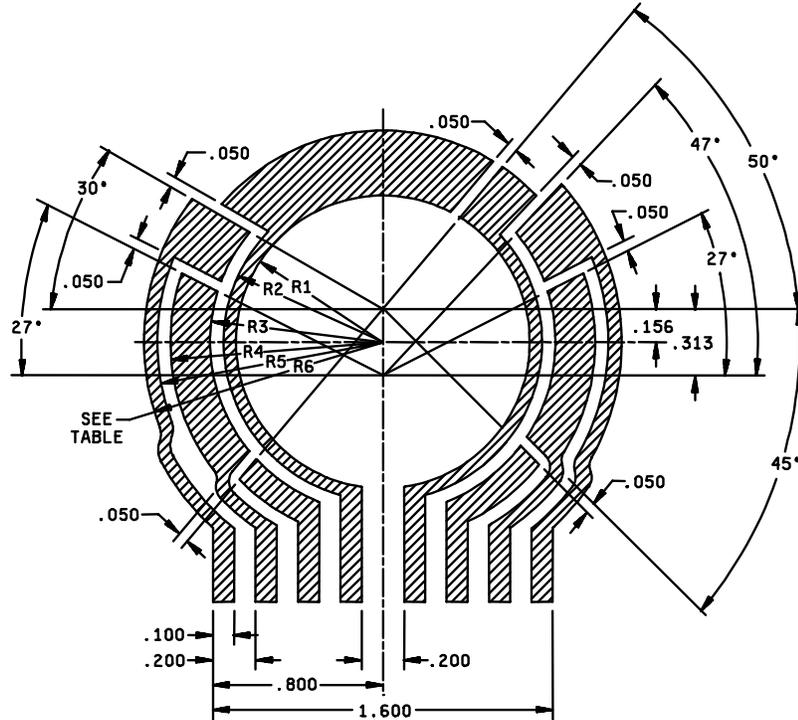


TABLE I. Contact layout.

| | |
|----|-------|
| R1 | .672 |
| R2 | .750 |
| R3 | .813 |
| R4 | 1.000 |
| R5 | 1.063 |
| R6 | 1.125 |

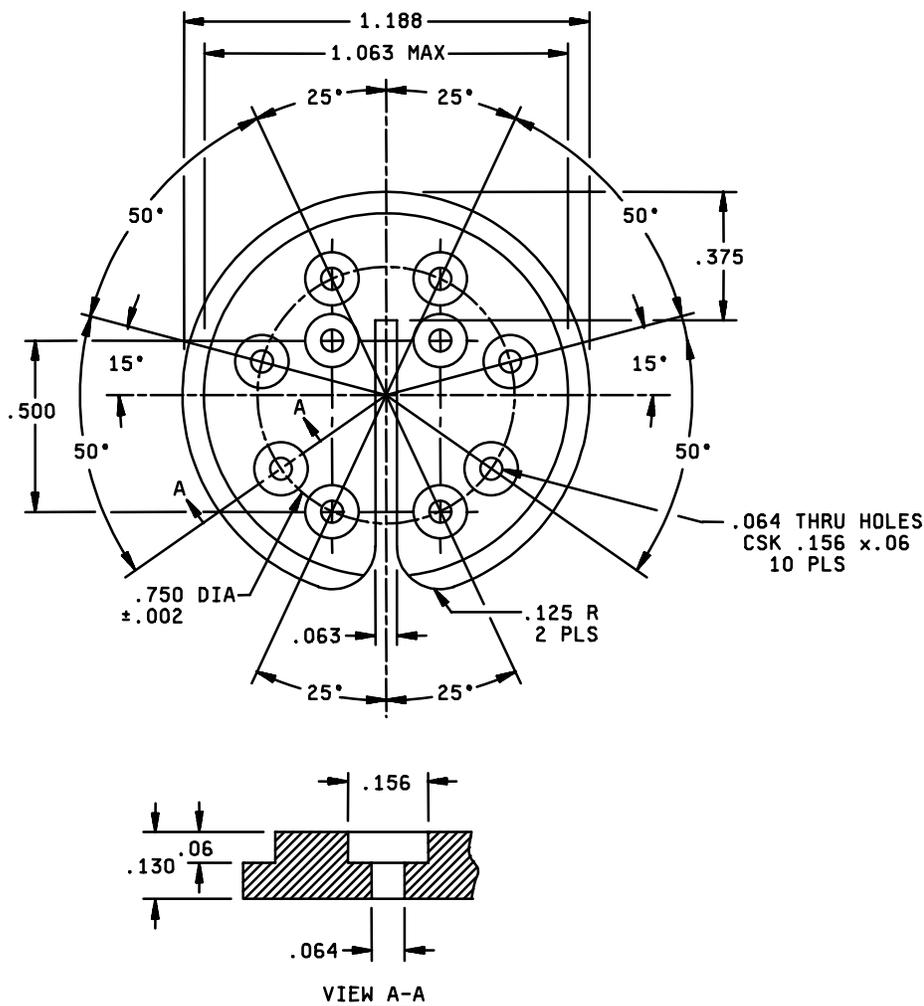
| Inches | mm | Inches | mm |
|--------|-------|--------|-------|
| .050 | 1.27 | .800 | 20.32 |
| .156 | 3.96 | .813 | 20.65 |
| .200 | 5.08 | 1.000 | 25.40 |
| .313 | 7.95 | 1.063 | 27.00 |
| .672 | 17.07 | 1.125 | 28.58 |
| .750 | 19.05 | 1.600 | 40.64 |

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Unless otherwise specified, tolerance is ± 0.005 (0.13 mm), angles $\pm 1^\circ$.
4. Minimum track spacing, .100 inches.
5. Minimum track width, .100 inches.

FIGURE 3. Contact layout.

| | | | |
|---|-------------------------|---------------------------------------|--------------------------------|
| DEFENSE SUPPLY CENTER, COLUMBUS COLUMBUS, OHIO | SIZE A | CODE IDENT NO. 037Z3 | DWG NO. 85093 |
| | | REV B | PAGE 4 |



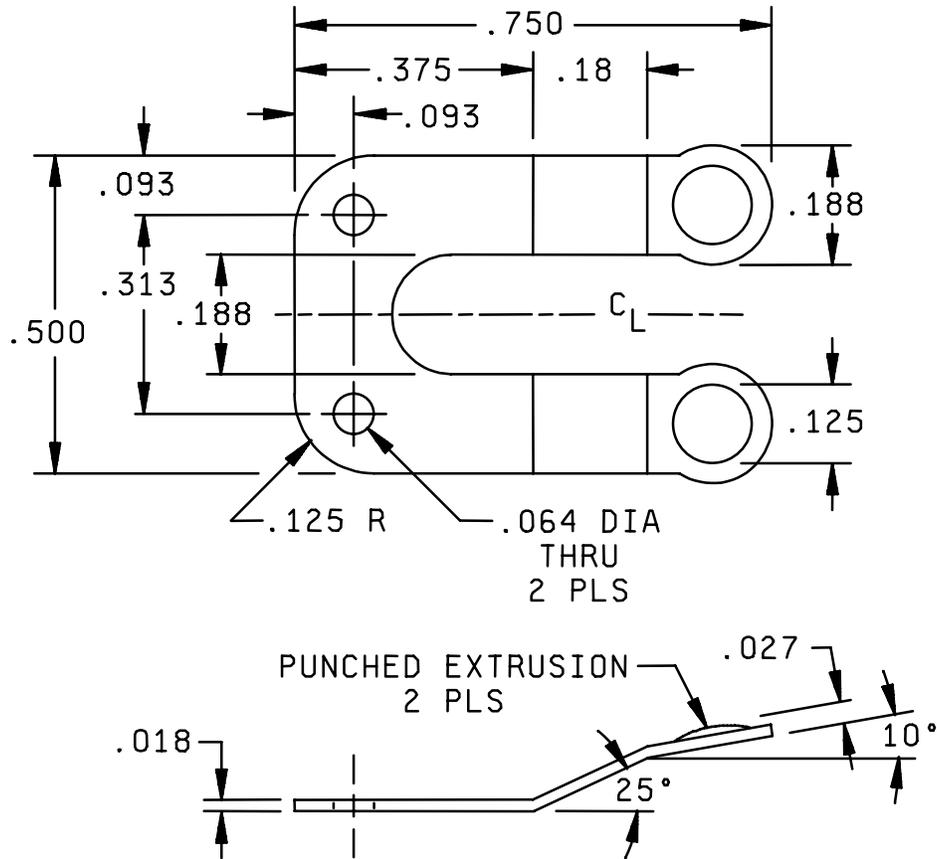
| Inches | mm | Inches | mm | Inches | mm |
|--------|------|--------|------|--------|-------|
| .002 | 0.05 | .125 | 3.18 | .500 | 12.70 |
| .060 | 1.52 | .130 | 3.30 | .750 | 19.05 |
| .063 | 1.60 | .156 | 3.96 | 1.063 | 27.00 |
| .064 | 1.63 | .375 | 9.53 | 1.188 | 30.18 |

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Unless otherwise specified, tolerance is ± 0.005 (0.13 mm), angles $\pm 1^\circ$.
4. Material, super tough nylon in accordance with ASTM D4066-82 or equivalent.
5. Two contact blade carriers required per assembly.

FIGURE 4. Contact blade carrier.

| | | | |
|---|----------|----------------|--------------|
| DEFENSE SUPPLY CENTER, COLUMBUS COLUMBUS, OHIO | SIZE | CODE IDENT NO. | DWG NO. |
| | A | 037Z3 | 85093 |
| | | REV B | PAGE 5 |



| Inches | mm | Inches | mm |
|--------|------|--------|-------|
| .018 | 0.46 | .188 | 4.78 |
| .027 | 0.69 | .313 | 7.95 |
| .064 | 1.63 | .375 | 9.53 |
| .093 | 2.36 | .500 | 12.70 |
| .125 | 3.18 | .750 | 19.05 |
| .180 | 4.57 | | |

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Tolerance for two place decimal ± 0.010 (0.25 mm), three place decimal tolerance is ± 0.005 (0.13 mm), angles $\pm 2^\circ$.
4. Material, .018 (0.46 mm) ± 0.001 (0.25 mm), phosphor bronze grade hard temper in accordance with ASTM B139/B139M with .00005 (0.00127 mm) minimum gold plate in accordance with ASTM B488 over .0001 (0.0025 mm) minimum nickel plate in accordance with ASTM B139/B139M.

FIGURE 5. Contact blade.

| | | | |
|---|----------|----------------|--------------|
| DEFENSE SUPPLY CENTER, COLUMBUS COLUMBUS, OHIO | SIZE | CODE IDENT NO. | DWG NO. |
| | A | 037Z3 | 85093 |
| | | REV B | PAGE 6 |