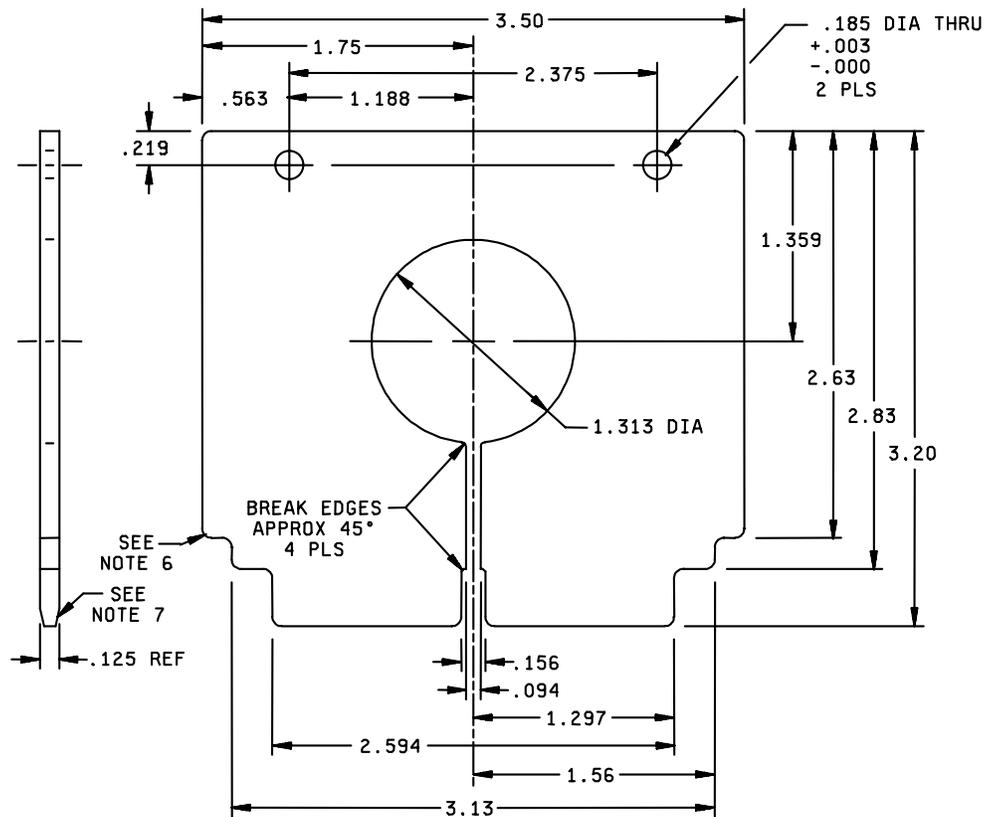


**NOTES:**

1. Contact pressure 50 grams minimum.
2. Rotational torque of contact blade carrier 6 inch ounces maximum.
3. Printed circuit section to be captured within shoulders of the contact blade carrier.
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.
6. Tooling holes permitted as long as there is no interference with the tracks or contact area.
7. Dimensions are in inches.
8. Eyelet, .094 (2.39 mm.) inch, diameter. Length to suit. Brass with .0001 (0.00254 mm.) inch minimum nickel plate in accordance with SAE-AMS-QQ-N-290.
9. National stock number 5930-01-115-6944.

FIGURE 1. Section assembly.

<p><b>DEFENSE SUPPLY CENTER, COLUMBUS</b> <b>COLUMBUS, OHIO</b></p>	<p>SIZE <b>A</b></p>	<p>CODE IDENT NO. <b>037Z3</b></p>	<p>DWG NO. <b>88053</b></p>
		<p>REV A</p>	<p>PAGE 2</p>



Inches	mm	Inches	mm	Inches	mm	Inches	mm
.003	0.07	.125	3.17	1.297	32.94	2.594	65.88
.005	0.12	.156	3.9	1.313	33.35	2.56	65.0
.015	0.38	.185	4.69	1.359	34.51	2.83	71.9
.06	1.5	.219	5.56	1.56	39.6	3.13	79.5
.094	2.38	.563	14.30	1.75	44.5	3.20	81.3
.120	3.04	1.188	30.17	2.375	60.32	3.50	88.9

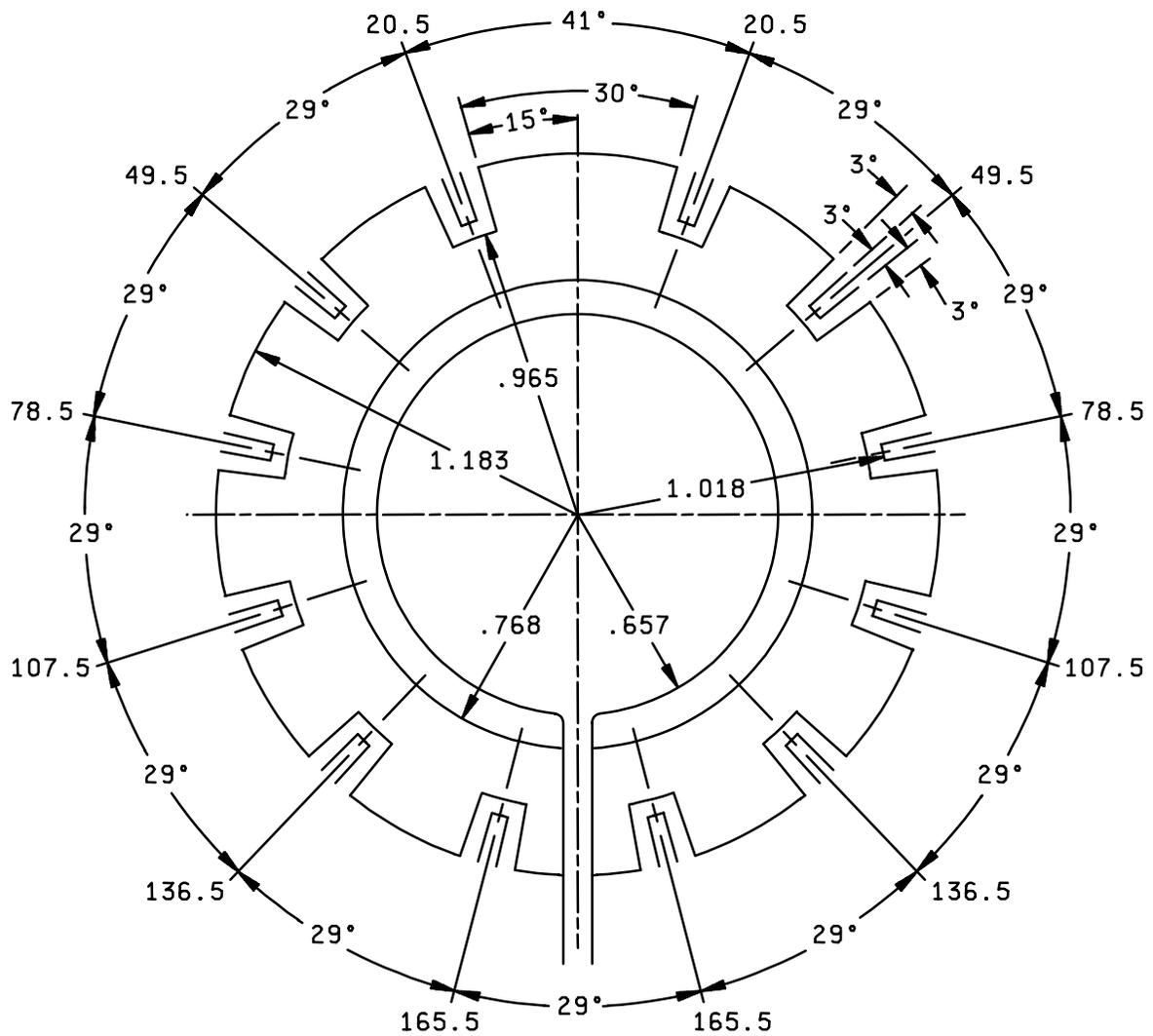
NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Unless otherwise stated, tolerances are  $\pm .005$  (0.013 mm) for three place decimals and  $\pm .015$  (0.381 mm) for two place decimals.
4. Material glass epoxy, type FR4, in accordance with IPC-4104/24.
5. Tooling holes are permissible provided there is no interference with printed circuitry.
6. .06 R permitted on unspecified corners.
7. Taper contact edge of board for ease of insertion into mating edge connector.

FIGURE 2. Printed circuit board.

<b>DEFENSE SUPPLY CENTER, COLUMBUS</b> <b>COLUMBUS, OHIO</b>	<b>SIZE</b> <b>A</b>	<b>CODE IDENT NO.</b> <b>037Z3</b>	<b>DWG NO.</b> <b>88053</b>
		<b>REV A</b>	<b>PAGE 3</b>





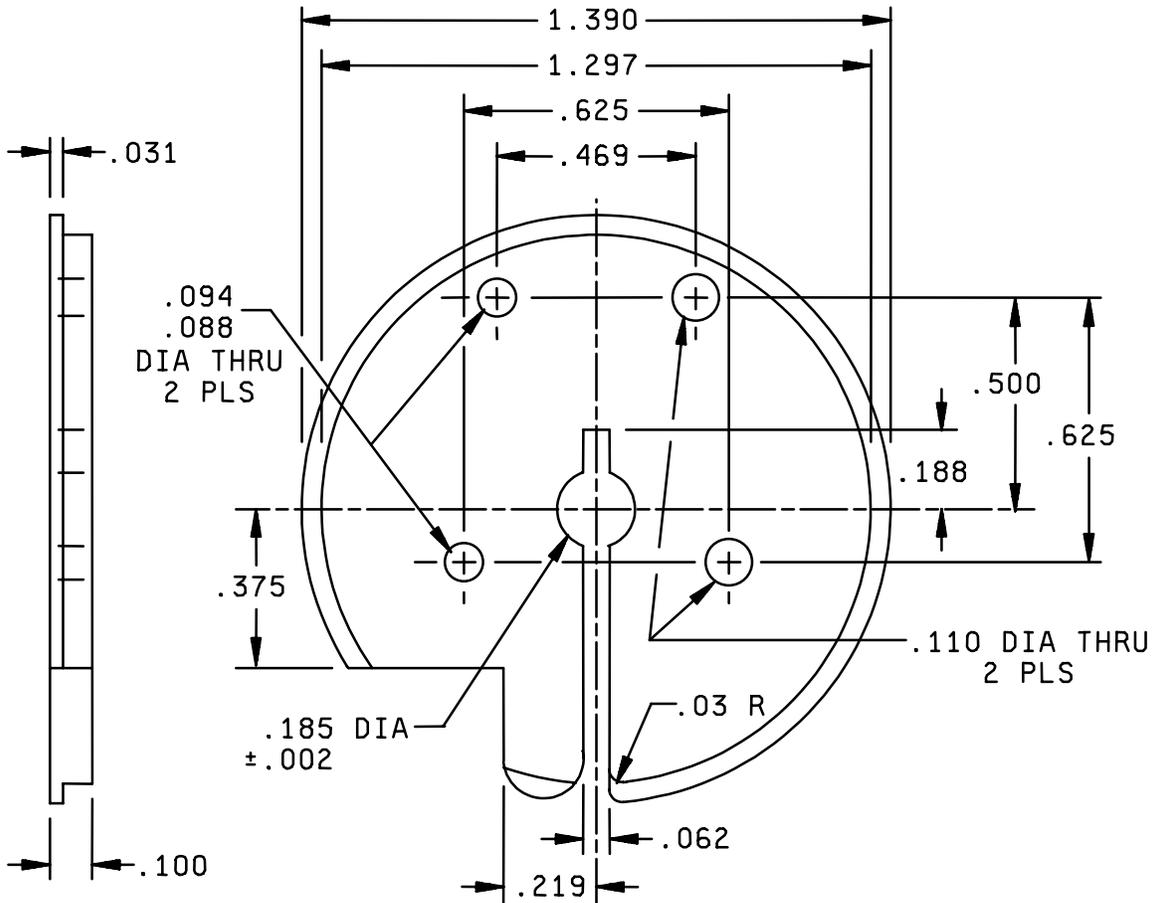
Inches	mm
1.313	33.35
1.563	39.70
1.930	49.02
2.035	51.68
2.365	60.07

NOTES:

1. Unless otherwise stated, tolerance on angles,  $\pm 1^\circ$  non-accumulative.

FIGURE 4. Contact layout.

<b>DEFENSE SUPPLY CENTER, COLUMBUS</b> <b>COLUMBUS, OHIO</b>	<b>SIZE</b> <b>A</b>	<b>CODE IDENT NO.</b> <b>037Z3</b>	<b>DWG NO.</b> <b>88053</b>
		REV A	PAGE 5



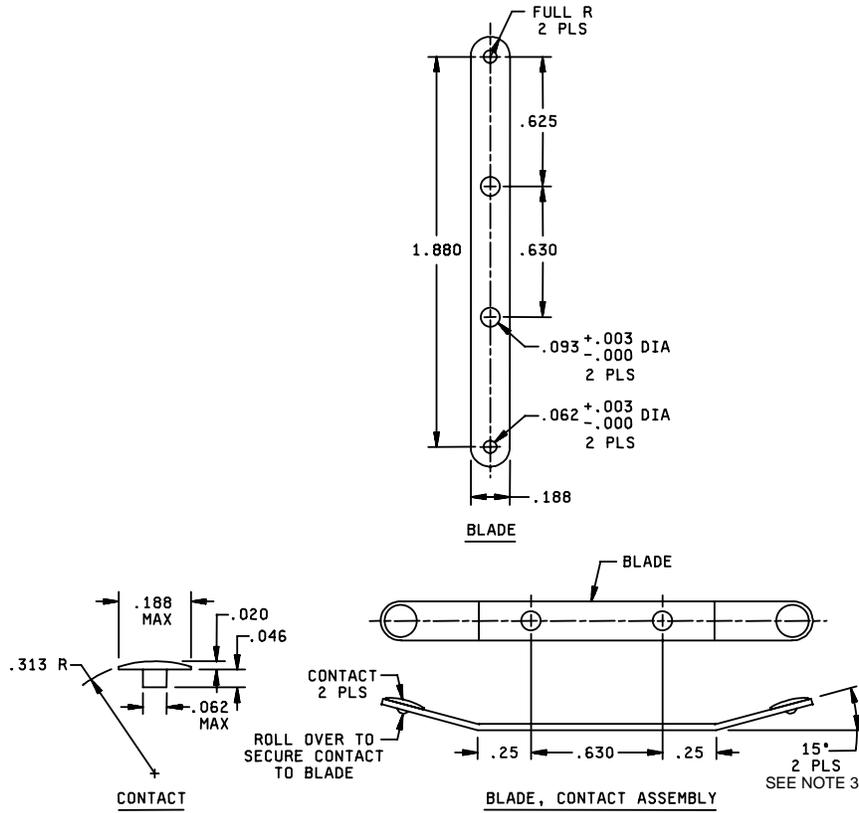
Inches	mm	Inches	mm	Inches	mm
.002	0.05	.094	2.38	.375	9.52
.005	0.12	.100	2.54	.469	11.91
.03	0.8	.110	2.79	.500	12.70
.031	0.78	.185	4.69	.625	15.87
.062	1.57	.188	4.77	1.297	32.94
.088	2.23	.219	5.56	1.390	35.30

NOTES:

1. Material: Super tough nylon in accordance with ASTM D4066-85.
2. Tolerances, unless otherwise specified, are ±.005 (0.127 mm).

FIGURE 5. Contact blade carrier.

<b>DEFENSE SUPPLY CENTER, COLUMBUS</b> <b>COLUMBUS, OHIO</b>	<b>SIZE</b> <b>A</b>	<b>CODE IDENT NO.</b> <b>037Z3</b>	<b>DWG NO.</b> <b>88053</b>
		<b>REV A</b>	<b>PAGE 6</b>



NOTES:

- Material:  
Blade: Beryllium copper, 1/2 hard, in accordance with ASTM B194, silver plate in accordance with ASTM B700, Type 1.  
Contact: Coin silver, in accordance with ASTM B617-83.
- Unless otherwise stated, tolerances are  $\pm 0.005$  (0.013 mm) for three place decimals and  $\pm 0.010$  (0.25 mm).
- Angle may vary to obtain rotational torque requirements for contact pressures.

FIGURE 6. Blade, contact assembly.

DEFENSE SUPPLY CENTER, COLUMBUS COLUMBUS, OHIO	SIZE	CODE IDENT NO.	DWG NO.
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