

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	Page 2, View A-A and end view clarified. Notes 4 and 5 added. Page 3, Side view clarified. Page 6, Additional clarification lines added to bottom view	12/11/85	James A. Coulter Steven B. Searcy
B	Inactive for new design. Editorial and format changes throughout.	05/07/2003	Kendall Cottongim
C	Editorial changes.	09/23/2013	Michael Radecki

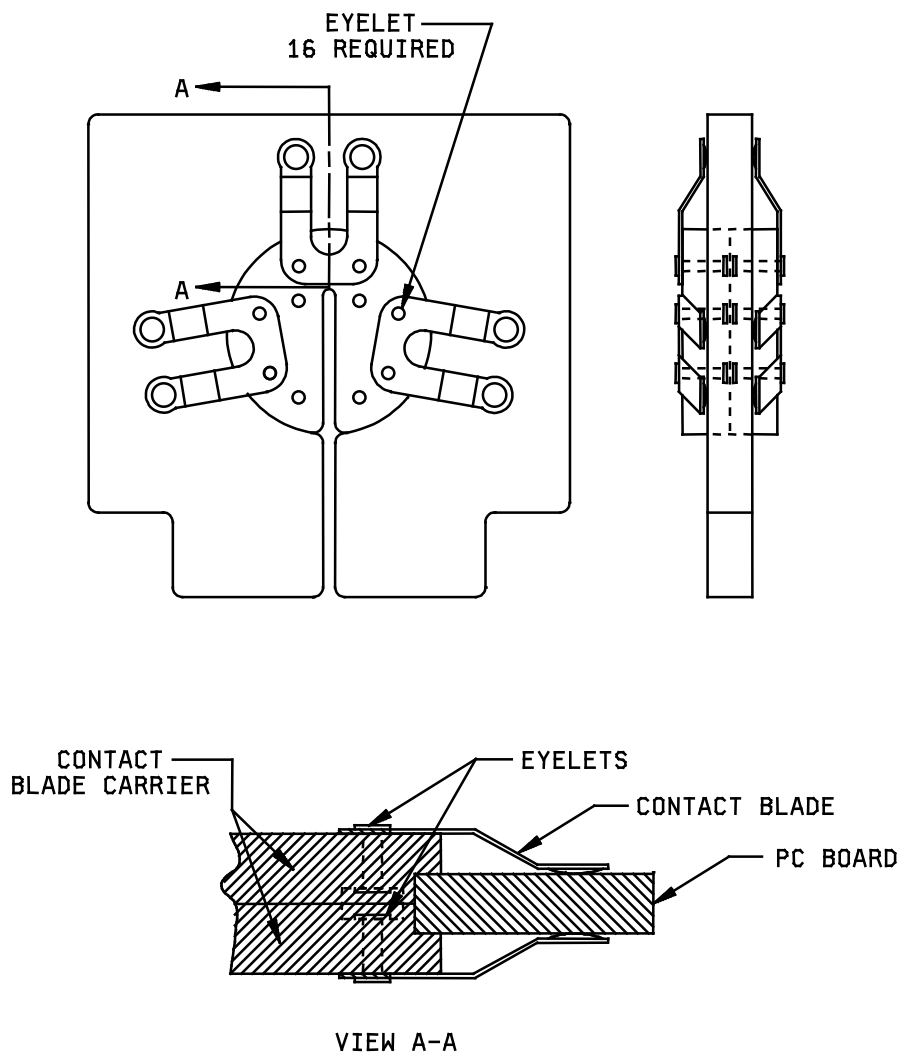
Inactive for new design

CURRENT DESIGN ACTIVITY CAGE CODE 037Z3
DEFENSE LOGISTICS AGENCY
LAND AND MARITIME
COLUMBUS, OHIO 43218-5000

Prepared in accordance with ASME Y14.100

Multi-detail drawing

[illegible]

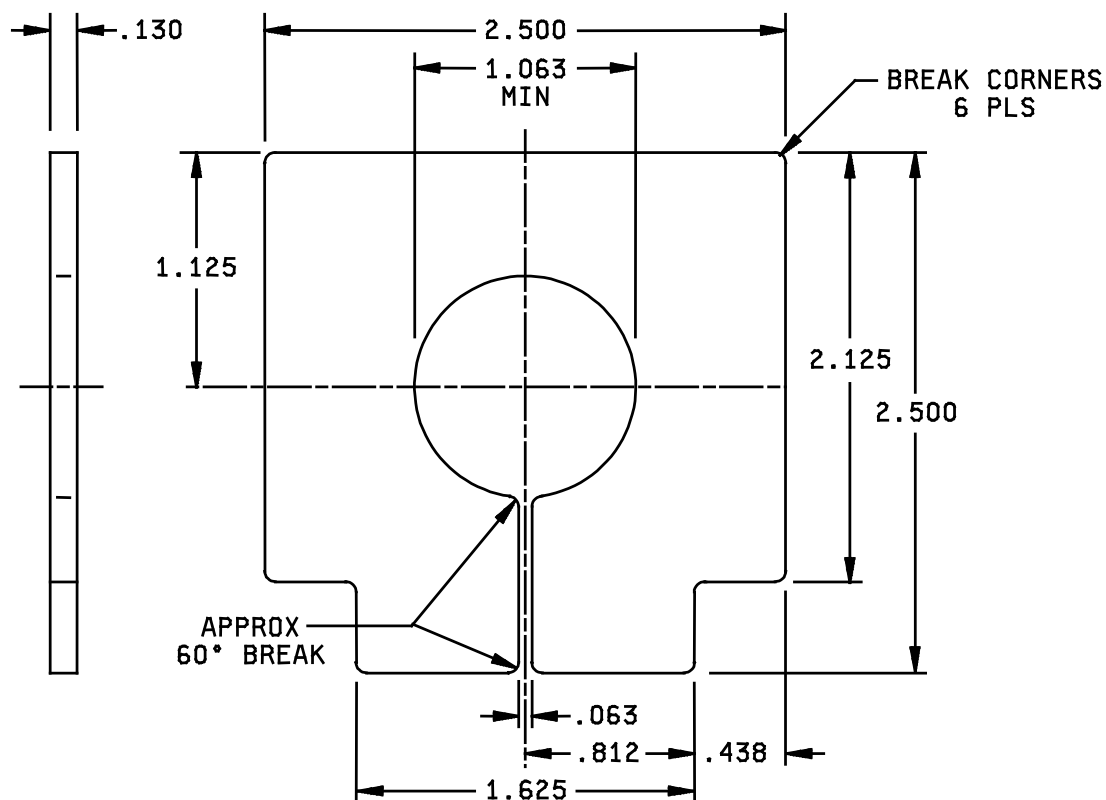


NOTES:

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.

DEFENSE ELECTRONIC SUPPLY CENTER DAYTON, OHIO	SIZE A	CODE IDENT NO. 14933	DWG NO. 85093
		REV C	PAGE 2



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 ELECTRONIC SUPPLY CENTER DAYTON, OHIO	SIZE A	CODE IDENT NO. 14933	DWG NO. 85093
		REV C	PAGE 3

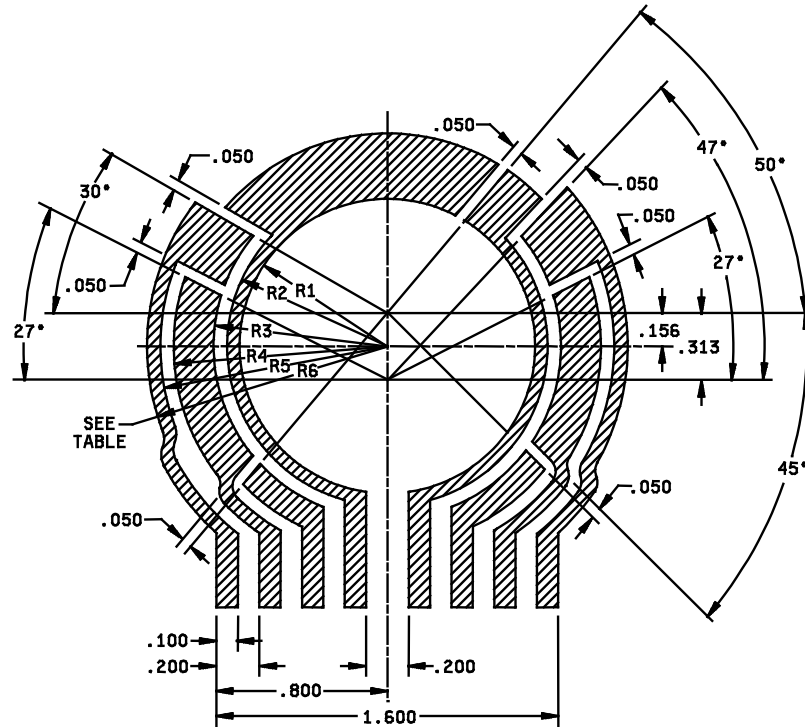


TABLE I. Contact layout.

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

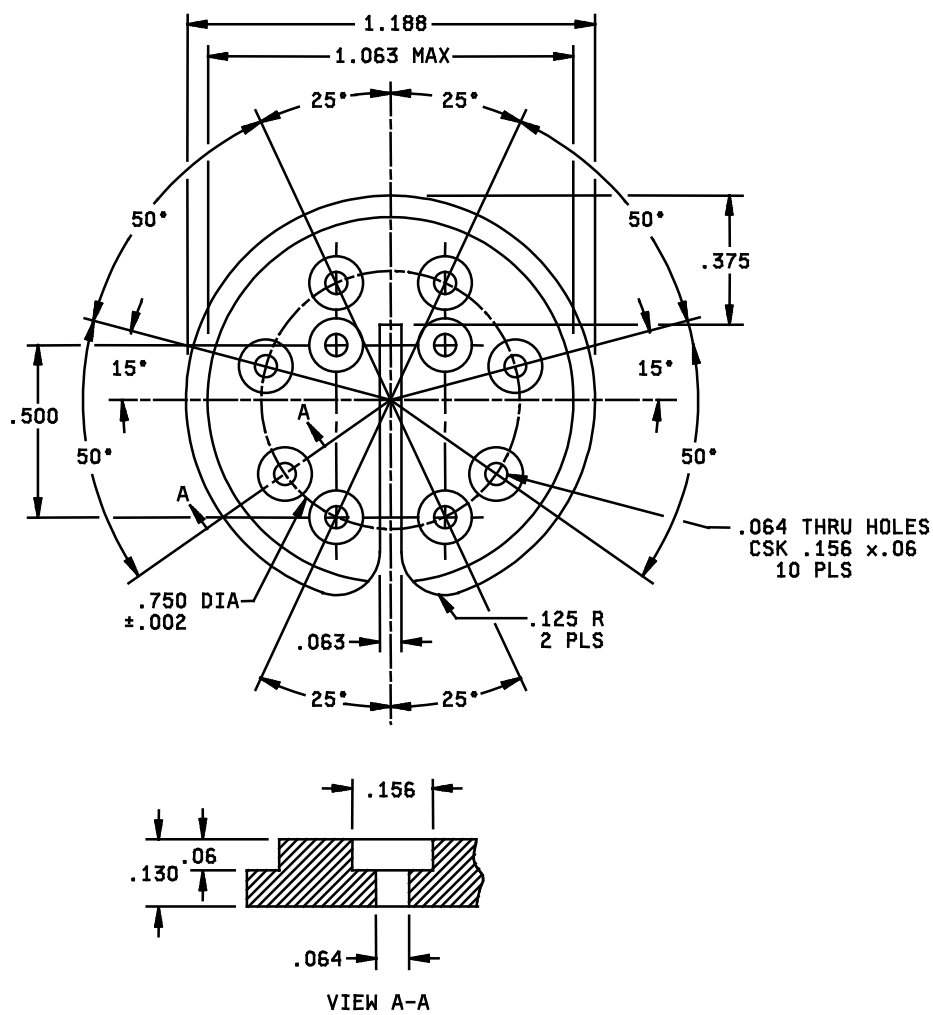
Inches	mm	Inches	mm
.050	1.27	.800	20.32
.156	3.96	.813	20.65
.200	5.08	1.000	25.40
.313	7.95	1.063	27.00
.672	17.07	1.125	28.58
.750	19.05	1.600	40.64

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Unless otherwise specified, tolerance is $\pm .005$ (0.13 mm), angles $\pm 1^\circ$.
4. Minimum track spacing, .100 inches.
5. Minimum track width, .100 inches.

FIGURE 3. Contact layout.

DEFENSE ELECTRONIC SUPPLY CENTER DAYTON, OHIO	SIZE A	CODE IDENT NO. 14933	DWG NO. 85093
		REV C	PAGE 4



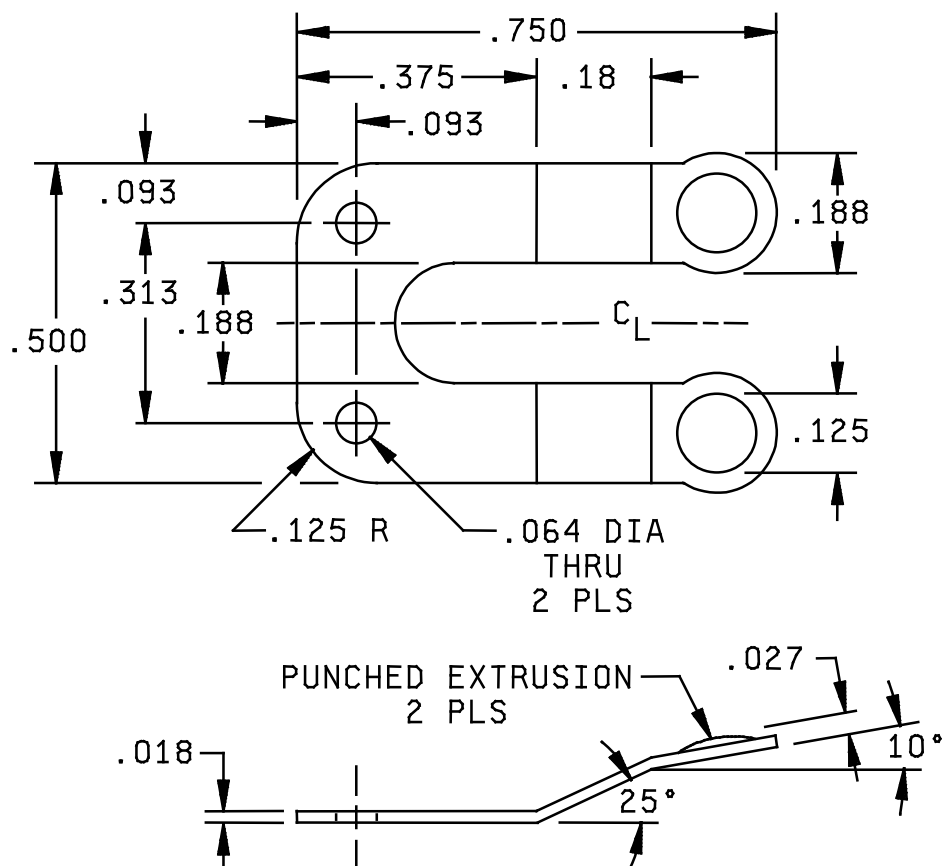
Inches	mm	Inches	mm	Inches	mm
.002	0.05	.125	3.18	.500	12.70
.060	1.52	.130	3.30	.750	19.05
.063	1.60	.156	3.96	1.063	27.00
.064	1.63	.375	9.53	1.188	30.18

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Unless otherwise specified, tolerance is $\pm .005$ (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 ELECTRONIC SUPPLY CENTER DAYTON, OHIO	SIZE A	CODE IDENT NO. 14933	DWG NO. 85093
		REV C	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 $\pm .010$ (0.25 mm), three place decimal tolerance is $\pm .005$ (0.13 mm), angles $\pm 2^\circ$.
4. Material, .018 (0.46 mm) $\pm .001$ (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 ELECTRONIC SUPPLY CENTER DAYTON, OHIO	SIZE A	CODE IDENT NO. 14933	DWG NO. 85093
		REV C	PAGE 6