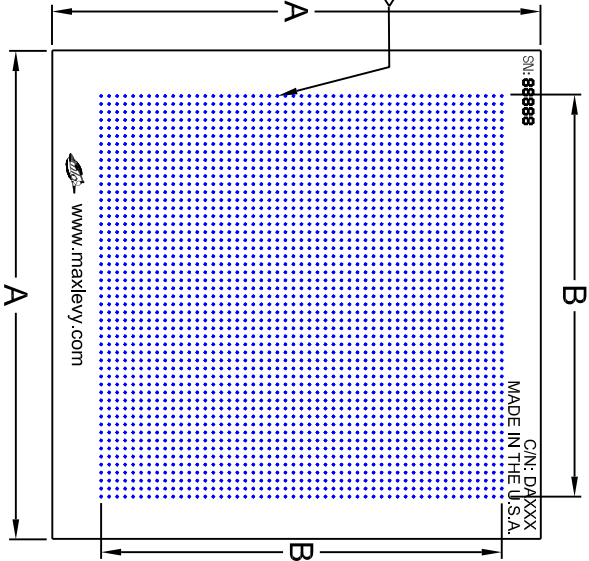
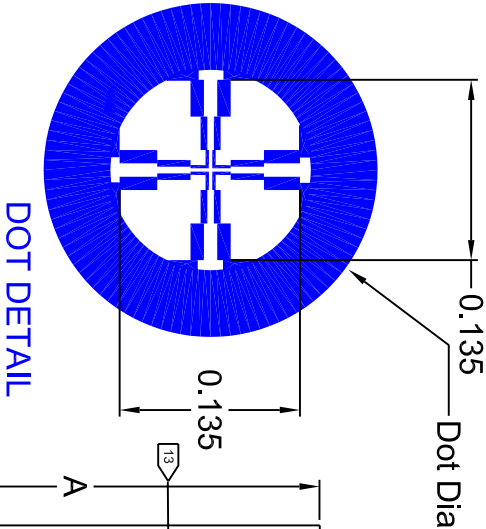
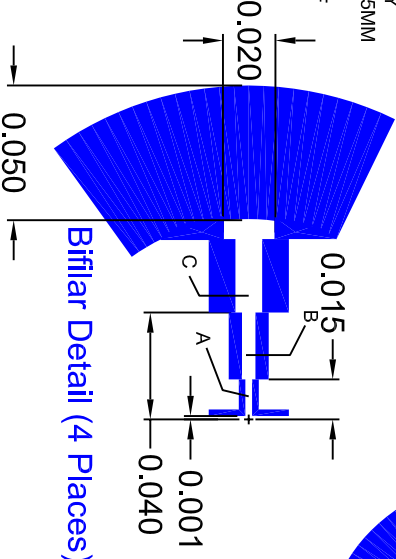


NOTES:

1. EDGES: BREAK SHARP EDGES. NO VISIBLE EDGE CHIPS > 0.25 MM DIAMETER
2. FLATNESS: 0.001" (0.0254MM)
3. PARALLELISM: S1 TO S2 < 0.001" / INCH (0.0254 MM / 25.4 MM)
4. SURFACE QUALITY: SCRATCH:DIG 40/20
5. SUBSTRATE: 0.125" (1.5MM) THICK, PHOTO QUALITY SELECT OPAL GLASS.
6. COATING: STANDARD CHROMIUM FIRST SURFACE. REFLECTIVITY 50 %±5% @550 NM, OPTICAL DENSITY > 3.0
7. PATTERN TO BE CENTERED ON SUBSTRATE, ACCURATE TO ±1MM
8. POLARITY: POSITIVE. OPAQUE PATTERN ON CLEAR BACKGROUND
9. DOT DIAMETER: WITHIN ± 0.002 MM OF LISTED SIZE
10. DOT TO DOT ACCURACY WITHIN ± 0.001 MM
11. EACH TARGET WILL INCLUDE AN N.I.S.T. TRACEABLE CERTIFICATE OF ACCURACY IN COMPLIANCE WITH MIL-STD-45662A ON A SEPERATE 8.5" X 11" PAGE.
12. CORNER TO OPPOSITE CORNER GRID ACCURACY 1.414 TIMES THE OVERALL X OR Y ACCURACY LISTED IN CHART
13. TYPICAL DOT PATTERN ARRAY
14. DIMENSION "A" ACCURACY: ±0.5MM
15. BIFILAR PAIRS ARE EQUAL

THREE FROM THE CENTER OF EACH DOT:
1st - 200 LPPMM
2nd -100 LPPMM
3rd - 50 LPPMM

A	0.0025 MM
B	0.005 MM
C	0.010 MM



A	B	DOT DIAMETER	DOT SPACING	X & Y AXIS ACCURACY [12]	X	Y	TOTAL	MLO CATALOG NUMBER	DRAWING DASH NUMBER
2.5"	50 MM	.50 MM	1.0 MM	±0.001 MM	51	51	2601	DA095	-011
4.5"	100 MM	.50 MM	1.0 MM	±0.0015 MM	101	101	10201	DA097	-013
6.5"	150 MM	1.0 MM	2.0 MM	±0.0025 MM	76	76	5776	DA099	-015
1.5"	25 MM	.25 MM	0.5 MM	±0.001 MM	51	51	2601	DA091	-017
1.5"	25 MM	.50 MM	1.0 MM	±0.001 MM	26	26	529	DA093	-019

SHEET 3 OF 4

CATALOG NUMBER: RD2071

MAX LEVY AUTOGRAPH

SEE NOTES

DATE: 1/15/09

DRAWING NUMBER: 300MLA0196-0XX

MM TO IN CONVERSIONS (EXCEPT AS NOTED)

GENERAL: XXX± +/-.127
XXX± +/-.381
X± +/-.762

FRACTIONAL: +/-.030

ANGULAR: +/-.05Deg.

SCALE: NONE

DRAWN BY: MRP/

APPROVED BY: DS

TITLE: BIFILAR CALIBRATION TARGET

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DATE	SYM	REVISION RECORD	AUTH	DR	CK
4/23/09	rev 1	Redesign and manufacturing changes	SS		
8/14/09	rev 2	Added Bill of Materials from Small to fine and added width note	MRV		