

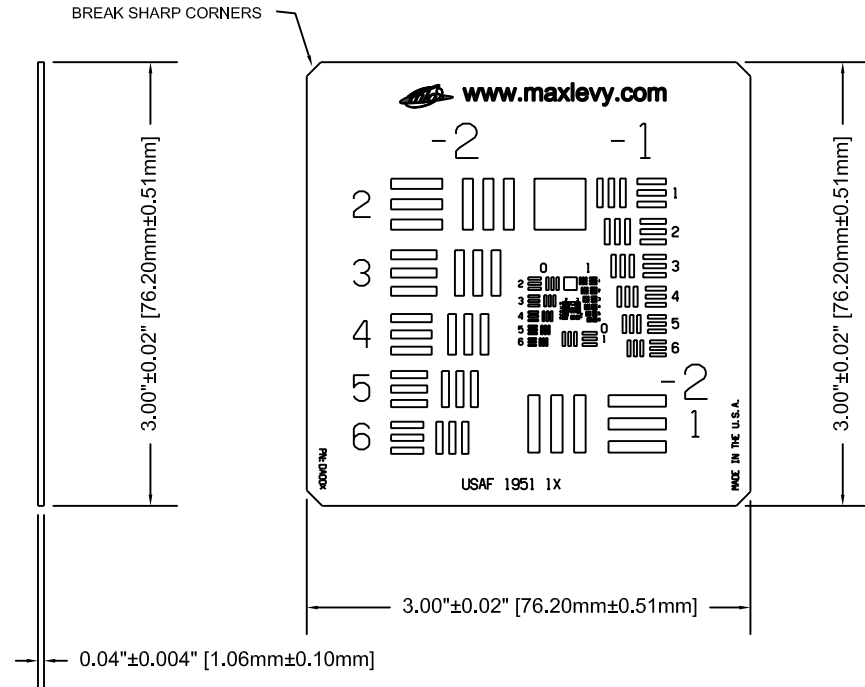
NOTES:

- SUBSTRATE: 0.040", (1.0MM) UV-GRADE FUSED SILICA WITH FLUORESCENT MATERIAL APPLIED TO SAME SIDE AS PATTERN.
- FLATNESS: 2 WAVE / INCH
- OPTICAL QUALITY: SCRATCH:DIG 20:10 OVER ACTIVE AREA.
- COATING: REFLECTIVE CHROMIUM SECOND SURFACE. OPTICAL DENSITY > 3.0. COATING DESIGNED TO PROVIDE REFLECTION 50% ±5% @ 550 NM. FLUORESCENT MATERIAL GLOWS UNDER ULTRAVIOLET LIGHT, PEAK SENSITIVITY AT 365NM
- EDGES: BREAK SHARP EDGES. NO VISIBLE EDGE CHIPS > 0.25 MM DIAMETER
- PATTERN SIZE: 2.44" (62.0MM) HORIZONTAL, 2.28" (57.8MM) VERTICAL.
- PATTERN ORIENTATION: RIGHT READING LOOKING THROUGH
- TARGET CONFIGURATIONS: COVERS THE GROUP -2, ELEMENT 1 (0.250 L/MM) TO GROUP +7, ELEMENT 6 (228 L/MM).
- LINEWIDTH TOLERANCE: ±0.0005MM
- POLARITY:
POSITIVE: OPAQUE PATTERN, CLEAR FIELD
NEGATIVE: CLEAR PATTERN, OPAQUE FIELD.
- LABEL WITH PATTERN INFORMATION IS AFFIXED TO OUTSIDE OF PLASTIC CONTAINER.
- TARGETS ARE SIZED TO FIT GARY PLASTIC CONTAINER PART NO. G-1590 (4 1/16" X 4 1/16" X 5/8")

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DATE	SYM	REVISION RECORD	AUTH	DR	CK



RESOLUTION VALUES FOR STANDARD USAF 1951 RESOLUTION TARGET TEST PATTERN (ALL VALUES IN CYCLES PER MILLIMETER)										
ELEMENTS	GROUPS									
	-2	-1	+0	+1	+2	+3	+4	+5	+6	+7
1	0.250	0.500	1.00	2.00	4.00	8.00	16.0	32.0	64.0	128
2	0.281	0.561	1.12	2.24	4.49	8.98	17.9	35.9	71.8	143
3	0.315	0.629	1.26	2.52	5.04	10.1	20.1	40.3	80.6	161
4	0.354	0.707	1.41	2.83	5.66	11.3	22.6	45.3	90.5	181
5	0.397	0.794	1.59	3.17	6.35	12.7	25.4	50.8	101	203
6	0.445	0.891	1.78	3.56	7.13	14.3	28.5	57.0	114	228

SHEET 1 OF 2		ONLINE CATALOG RD2055	
TOLERANCES (EXCEPT AS NOTED)		MAX LEVY AUTOGRAPH	
DECIMAL .XXX = +/- .005 .XX = +/- .015 .X = +/- .030	MATERIAL SEE NOTES	SCALE NONE	DRAWN BY DS
FRACTIONAL +/- .030	TITLE USAF 1951 RESOLUTION CHART FLUORESCENT 3 X 3 IN		
ANGULAR +/- 0.5Deg.	DATE 6/9/04	DRAWING NUMBER 300MLA0107-00X	

MLO PART NUMBER:
NEGATIVE TARGET: DA050
POSITIVE TARGET: DA051

DWG. DASH NUMBER:
NEGATIVE TARGET: -001
POSITIVE TARGET: -002