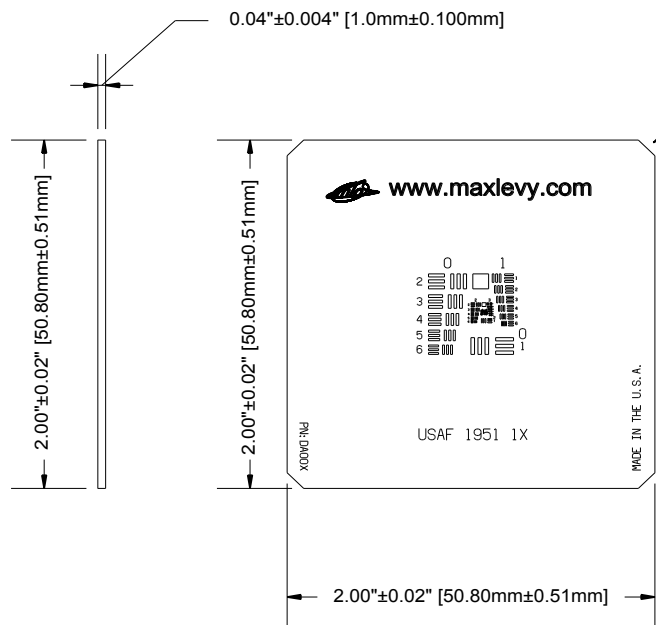


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DATE	SYM	REVISION RECORD	AUTH	DR	CK
9/05	A	CORRECT ORIENTATION NOTE	DSM		CB



BREAK SHARP CORNERS

NOTES:

- SUBSTRATE: 0.040", (1.0MM) UV-GRADE FUSED SILICA WITH 0.1MM OF FLUORESCENT MATERIAL APPLIED TO SAME SIDE AS PATTERN.
- FLATNESS: 2 WAVES / 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: 0.59" (15.01MM) HORIZONTAL, 0.55" (14.08MM) VERTICAL.
- PATTERN ORIENTATION: RIGHT READING LOOKING THROUGH
- TARGET CONFIGURATIONS: COVERS THE GROUP 0, ELEMENT 1 (1 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-803 (3 1/2" X 2 9/16" X 1/2") WITH TWO FOAM INSERTS.

RESOLUTION VALUES FOR STANDARD USAF 1951 RESOLUTION TARGET TEST PATTERN (ALL VALUES IN CYCLES PER MILLIMETER)

ELEMENTS	GROUPS							
	+0	+1	+2	+3	+4	+5	+6	+7
1	1.00	2.00	4.00	8.00	16.0	32.0	64.0	128
2	1.12	2.24	4.49	8.98	17.9	35.9	71.8	143
3	1.26	2.52	5.04	10.1	20.1	40.3	80.6	161
4	1.41	2.83	5.66	11.3	22.6	45.3	90.5	181
5	1.59	3.17	6.35	12.7	25.4	50.8	101	203
6	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

KJV

APPROVED BY

FRACTIONAL

+/- .030

TITLE

USAF PHOSPHOROUS RESOLUTION TARGET 2 X 2 INCH

MLO PART NUMBER:
NEGATIVE TARGET: DA054
POSITIVE TARGET: DA055

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

ANGULAR

+/- 0.5Deg.

DATE

6/9/04

DRAWING NUMBER

300MLA0106-00X