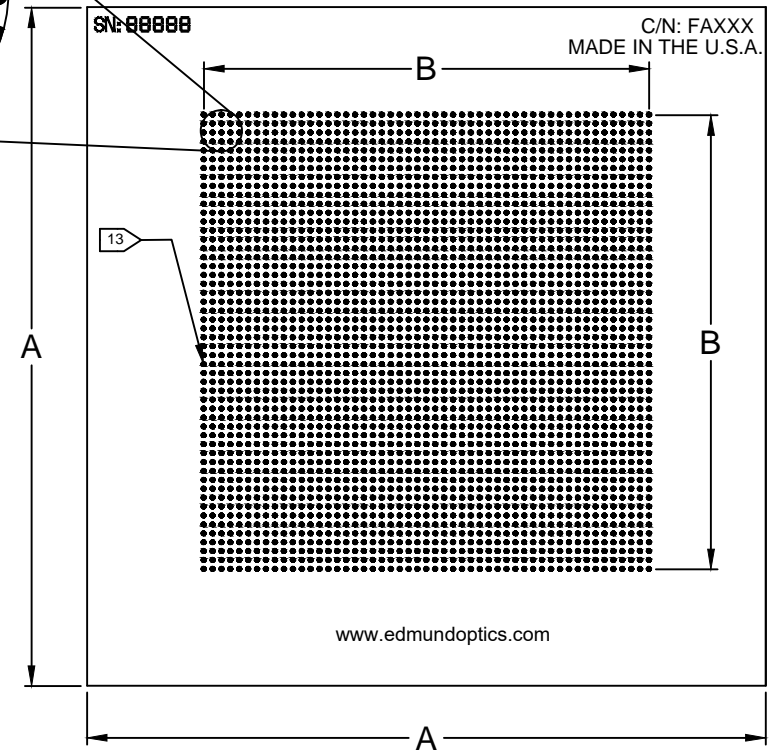
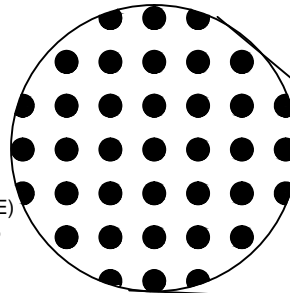


NOTES:

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 (0.254 MM / 25.4 MM)
4. SURFACE QUALITY: SCRATCH: DIG 40:20
5. SUBSTRATE: 0.060" (1.5MM) THICK, PHOTO QUALITY SELECT SODA LIME FLOAT GLASS. INDEX OF REFRACTION 1.521/1.523 (589.3 NM SODIUM D LINE)
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 LOOKING AT THE GLASS.
9. DOT DIAMETER: WITHIN ± 0.002 MM OF LISTED SIZE
10. DOT TO DOT ACCURACY WITHIN ± 0.002 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
13. X OR Y ACCURACY LISTED IN CHART
14. DIMENSION "A" ACCURACY ±0.030"



A	B	DOT DIAMETER	DOT SPACING	X & Y AXIS ACCURACY ¹²	DOT ARRAY			STOCK NO.
					X	Y	TOTAL	
2"	25 MM	.0625 MM	.125 MM	±0.002 MM	201	201	40401	#58-509
2"	25 MM	.125 MM	.25 MM	±0.002 MM	101	101	10201	#58-527
2"	25 MM	.25 MM	.50 MM	±0.002 MM	51	51	2601	#57-981
2"	25 MM	.25 MM	1.0 MM	±0.002 MM	26	26	676	#62-209
3"	50 MM	.125 MM	.25 MM	±0.002 MM	201	201	40401	#59-213
3"	50 MM	.25 MM	.50 MM	±0.002 MM	101	101	10201	#58-536
3"	50 MM	.25 MM	1.0 MM	±0.002 MM	51	51	2601	#62-211
3"	50 MM	.50 MM	1.00 MM	±0.002 MM	51	51	2601	#57-983
5"	100 MM	.25 MM	.50 MM	±0.002 MM	201	201	40401	#59-215
5"	100 MM	.25 MM	1.0 MM	±0.002 MM	101	101	10201	#62-213
5"	100 MM	.50 MM	1.0 MM	±0.002 MM	101	101	10201	#59-217
5"	100 MM	1.0 MM	2.0 MM	±0.002 MM	51	51	2601	#57-985
7"	150 MM	.50 MM	1.0 MM	±0.0022 MM	151	151	22801	#62-207
7"	150 MM	1.0 MM	2.0 MM	±0.0022 MM	76	76	5776	#58-507

MM TOLERANCES (EXCEPT AS NOTED)		EDMUND OPTICS®	
DECIMAL XXX= +/- .127 .XX= +/- .381 .X= +/- .762	MATERIAL SEE NOTES	SCALE NONE	DRAWN BY RSH APPROVED BY DS
FRACTIONAL +/- .030	TITLE DOT PATTERN TARGET ON GLASS		
ANGULAR +/- 0.5Deg.	DATE 10/27/04	DRAWING NUMBER PID 2590 - SODA LIME GLASS SUBSTRATE	