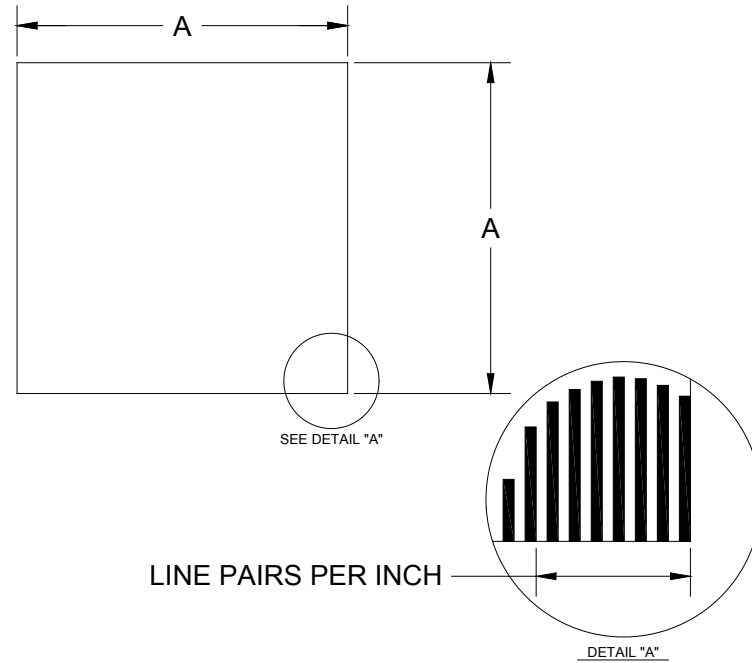


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| DATE | SYM | REVISION RECORD | AUTH | DR | CK |
|----------|-----|---------------------------------|------|----|----|
| 12/21/01 | A | ADDED 25-300LPI FROM 300MLA0055 | TEN | | |
| 10/15/04 | B | TOLERANCES UPDATED | DSM | | |
| 4/27/05 | C | COATING UPDATED | DSM | | |
| 4/27/06 | D | ADDED LPI NOTATION | DSM | | |

NOTES:

- SUBSTRATE (PATTERNS 25LPI-2000LPI): PHOTO QUALITY SELECT SODA LIME GLASS. INDEX OF REFRACTION 1.521/1.523 (589.3 NM SODIUM D LINE). 1.5MM NOMINAL THICKNESS.
- SUBSTRATE (PATTERNS 2500LPI, 3000LPI, 5000LPI) PHOTO QUALITY SELECT SODA LIME GLASS. INDEX OF REFRACTION 1.521/1.523 (589.3 NM SODIUM D LINE). 0.060" NOMINAL THICKNESS
- COATING: REFLECTIVE CHROMIUM FIRST SURFACE. OPTICAL DENSITY > 3.0. COATING DESIGNED TO PROVIDE REFLECTION 50% ± 5% @ 550 NM
- SURFACE QUALITY: SCRATCH: DIG 40:20
- EDGES: BREAK SHARP EDGES. NO VISIBLE CHIPS > 0.25 MM DIAMETER
- LINE PAIRS ARE TO BE EQUALLY SPACED
- LINE TO LINE PARALLELISM: < 2 ARCSEC
- PARALLELISM PATTERN TO SUBSTRATE: ±1° (±0.0175" PER INCH)
- PACKAGING: 1" X 1" AND 2" X 2" TARGETS ARE WRAPPED IN LENS TISSUE AND PLACED IN PLASTIC BAG WITH LABEL.
- PACKAGING: 4" X 4" TARGETS ARE PACKAGED IN FLUOROWARE H60-40-09-0615 CONTAINER WITH LABEL.
- PACKAGING: 6" X 6" TARGETS ARE PACKAGED IN FLUOROWARE H92-6025 CONTAINER WITH LABEL.
- "A" TOLERANCE: ±0.02" (±0.51MM)



| LINE PAIRS PER INCH | "A" SIZE | | | | | | | | TRANSMISSION TOLERANCE ± |
|---------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------------------|
| | 1" X 1" | | 2" X 2" | | 4" X 4" | | 6" X 6" | | |
| | DWG DASH NO. | MLO PART NO. | DWG DASH NO. | MLO PART NO. | DWG DASH NO. | MLO PART NO. | DWG DASH NO. | MLO PART NO. | |
| 25 | -001 | BA001 | -002 | BA003 | -003 | BA004 | -004 | BA005 | ±1% |
| 50 | -005 | BA006 | -006 | BA008 | -007 | BA009 | -008 | BA010 | ±1.25% |
| 100 | -009 | BA011 | -010 | BA013 | -011 | BA014 | -012 | BA015 | ±2.5% |
| 150 | -013 | BA021 | -014 | BA023 | -015 | BA024 | -016 | BA025 | ±5% |
| 200 | -017 | BA026 | -018 | BA028 | -019 | BA029 | -020 | BA030 | ±5% |
| 250 | -021 | BA031 | -022 | BA033 | -023 | BA034 | -024 | BA035 | ±5% |
| 300 | -025 | BA036 | -026 | BA038 | -027 | BA039 | -028 | BA040 | ±5% |
| 500 | -029 | BA041 | -030 | BA043 | -031 | BA044 | -032 | BA045 | ±5% |
| 750 | -033 | BA046 | -034 | BA048 | -035 | BA049 | -036 | BA050 | ±5% |
| 1000 | -037 | BA051 | -038 | BA053 | -039 | BA054 | -040 | BA055 | ±5% |
| 2000 | -041 | BA056 | -042 | BA058 | -043 | BA059 | -044 | BA060 | ±5% |
| 2500 | -045 | BA061 | -046 | BA063 | -047 | BA064 | -048 | BA065 | ±5% |
| 3000 | -049 | BA066 | -050 | BA068 | -051 | BA069 | -052 | BA070 | ±7.5% |
| 5000 | -053 | BA071 | -054 | BA073 | -055 | BA074 | -056 | BA075 | ±10% |

| | | | |
|--|-------------------------------------|---|-----------------|
| SHEET 1 OF 1 | | ONLINE CATALOG RD2055 | |
| TOLERANCES (EXCEPT AS NOTED) | | MAX LEVY AUTOGRAPH | |
| DECIMAL .XXX= +/- .005 .XX= +/- .015 .X= +/- .030 | MATERIAL SEE NOTES | SCALE NONE | DRAWN BY RJS |
| FRACTIONAL +/- .030 | TITLE RONCHI RULING, INCH | | |
| ANGULAR +/- 0.5Deg. | DATE 01/09/01 | DRAWING NUMBER 300MLA0056-XXX | |