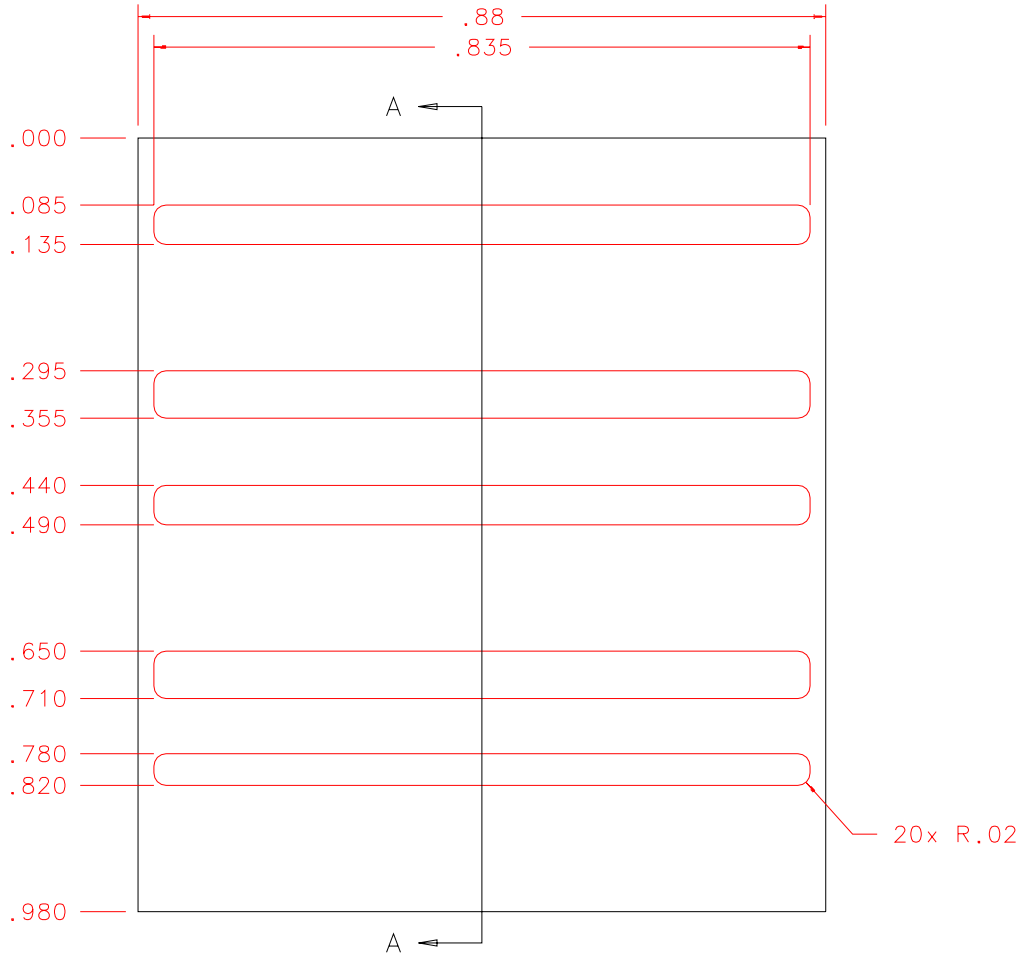


NOTES: UNLESS OTHERWISE NOTED

1. MACHINED SURFACE ROUGHNESS 64
O-RING GROOVES AND SURFACES 32
2. REMOVE ALL BURRS/SHARP CORNERS

| BILL OF MATERIAL | | | | |
|------------------|-------|----------|---------------|--------------|
| NO. | REQ'D | REF DRW | DESCRIPTION | MATERIAL |
| N/A | 1 | SO2-019A | RADIAL SPRING | PHOS. BRONZE |



MAKE 2 EACH
WITH THKNSS

.005
.010



SECTION A-A

FRONT

| | |
|---------------------|---|
| REVDATE: 02/01/99 | REVISION: CHANGE THICKNESS AS SHOWN |
| REVDATE: N/A | REVISION: N/A |
| DATE: 10/28/98 | INSTITUTE FOR ASTRONOMY |
| DESIGN: STAHLBERGER | 2680 WOODLAWN DR. HONOLULU, HI 96822 |
| DRAWN: STAHLBERGER | INSTRUMENT: SPEX - CROSS DISPERSED SPECTROGRAPH |
| APPR'D: J. RAYNER | PART NAME: RADIAL SPRING |
| TOLERANCES | |
| X.X | +/- .015 |
| X.XX | +/- .005 |
| X.XXX | +/- .002 |
| ANGLE | +/- 30 min |
| FRACTION | +/- 1/32 |
| DRW NO: SO2-019A | SCALE: 4:1 |
| SIZE: A | JOS NO: 725 |
| SHEET: 1 OF 1 | |

PLOT: 10/19/99

SO2-001A
NEXT ASSY