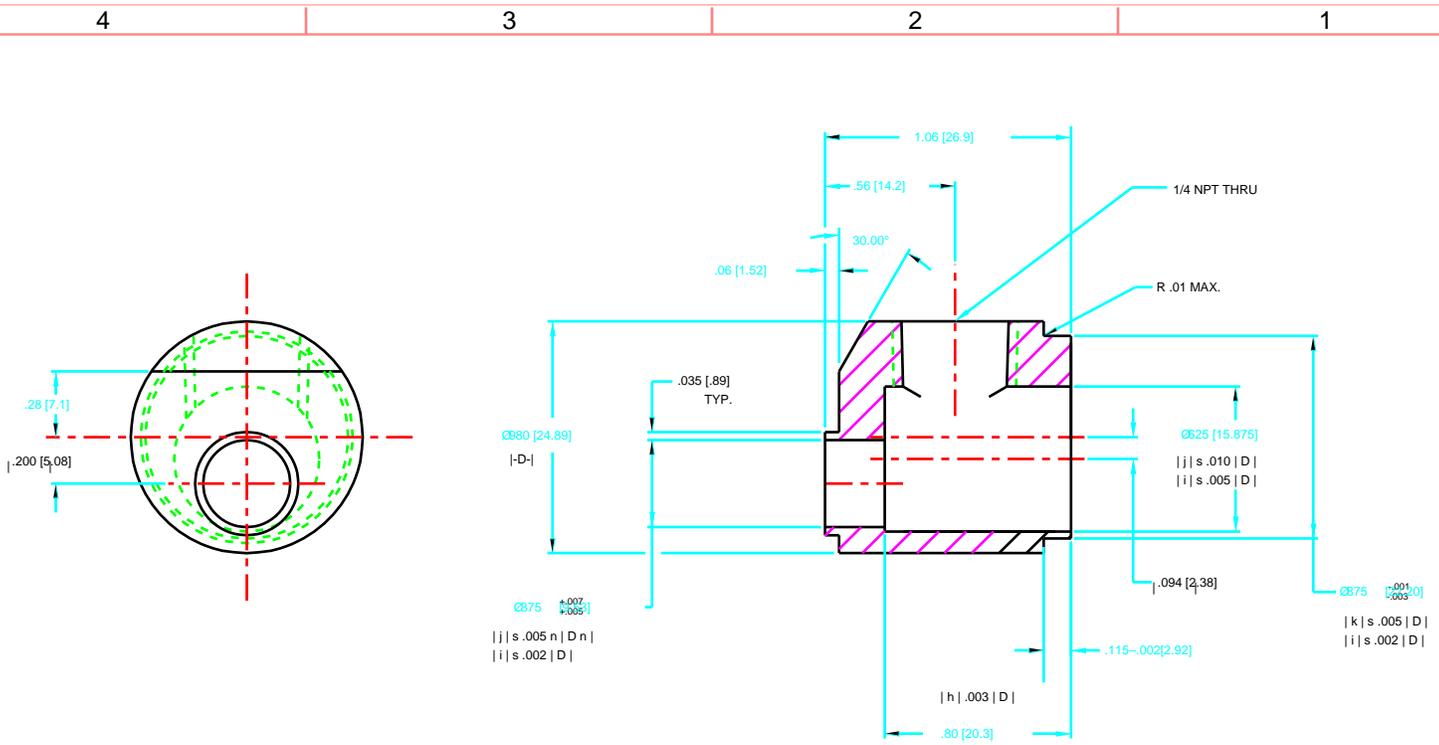


(\varnothing) PLOT SCALE: 1=1 DWG. SCALE: 3 Axxxxx



NOTES:

1. THE PART NEEDS TO GO THROUGH A MULTIPLE STEP CLEANING PROCESS INVOLVING DEGREASING, WASHING AND DRY NITROGEN BLOW DOWN BEFORE WELDING.
2. KEEP THE PART CLEAN, AND WRAP FOR UHV PACKING WITH ALUMINUM FOIL.
3. ALL DIMENSIONS WITH ARE IN MILLIMETERS

| SYM | CHANGE DESCRIPTION | BY | CHKD | DATE |
|-----|--------------------|----|------|------|
| | | | | |

| ITEM | DWG/PART NUMBER | NOMENCLATURE OR DESCRIPTION | MATERIAL / SPEC | QTY |
|---|-----------------|--|---|--------------------------------|
| PARTS LIST | | | | |
| UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES | | LOG NUMBER A10279 | THIS DRAWING IS THE PROPERTY OF ARGONNE NATIONAL LABORATORY | |
| TOLERANCES: DECIMALS: .XX - .25 .XXX - .005 | | DRAWN BY J.G. | DATE 4/8/93 | CHIEF DESIGN ENGINEER D.SHU |
| ANGULAR: X - .03 XX - .01 XXX - .005 | | CHECKED BY J.CHANG | DATE 4/16/93 | GP LEADER T.M.KUZAY |
| SURFACE ROUGHNESS: 125 | | DESIGNER J.G. | DATE 4/8/93 | PROJECT MGR. |
| REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX. | | RESPONSIBLE ENGINEER J.CHANG | DATE 4/16/93 | APPROVED/RELEASED |
| SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46.1 | | MATERIAL OFHC COPPER | | |
| DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5 | | SCALE: 3:1 | | |
| DO NOT SCALE DRAWING | | SHEET 1 of 1 | | |
| | | DRAWING NUMBER P4102020103-210004-00 | | |

ADVANCED PHOTON SOURCE
P3-20 BM FRONT END
PHOTON SHUTTER COOLING
EXIT PORT