



ENCIRCLED VIEW
 SCALE 4:1

SPECIFICATIONS:
 THE VALVE SHALL OPEN AND ALLOW AIR FLOW FROM PORT "B" TO PORT "A" WHEN THE DIFFERENTIAL VACUUM IS 3" HG OR LESS AT -20°F AT 75°F AND AT 225°F.
 WITH 0.5 PSI APPLIED TO PORT "B", THE MINIMUM FLOW MUST BE 500 CUBIC CENTIMETERS PER MINUTE FROM PORT "A".

(A1) WITH 5 PSI APPLIED TO PORT "A" THE VALVE SHALL NOT LEAK MORE THAN 2 cc/MIN.

IN GENERAL, VALVE SHALL OPERATE SATISFACTORILY AND WITHOUT MALFUNCTION AT 250°F AND AT -20°F.

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COMPUTER GRAPHICS
 CHANGE RESTRICTED
 NO MANUAL CHANGES

METRIC
 LINEAR
 DIMENSIONS ARE
 MM
 UNLESS NOTED

CATIA
 DRAWING

THIS DRAWING CONFORMS TO ANSI Y14.5M-1982

THIRD ANGLE PROJECTION

UNLESS OTHERWISE SPECIFIED

ALL LINEAR DIM. ± 0.5
 ALL ANGULAR DIM. \pm
 ALL FILLET RADI 0.76
 ALL CORNER RADI 0.76
 MAX. DRAFT
 MAX. COMBINED PARTING LINE FLASH AND MISMATCH TO BE
 SURFACE FINISH
 EXTERIOR
 INTERIOR

| | | | |
|-----------------------------------|----------|--|------|
| (A1) REVISED TEST SPEC. | 050217 | MBL | JGR |
| SYM. | REVISION | DATE | DR |
| DO NOT SCALE | | NUMBER OF DECIMAL PLACES DOES NOT IMPLY A TOLERANCE | |
| SCALE | 2:1 | MATERIAL | |
| DATE | 960723 | TYPE 6/6 NYLON DIAPHRAGM: FLUOROSILICONE | |
| DRAWN BY | | MINIATURE PRECISION COMPONENTS INC. DRAWER L WALWORTH, WI. 53184 | |
| CHECKED BY | | | |
| D. ENG. | | | |
| D. C. | | CUSTOMER NO. 14047619 | |
| MAN. ENG. | | DATE | REV. |
| TITLE | | REV. | SHT. |
| VACUUM CHECK VALVE 1/4" BARBED | | A1 | 1/1 |
| | | PART NUMBER A975 | |