

# 25BDP22

## Color Picture Tube

Hi-Lite Matrix Screen

90° Rectangular

New Green Phosphor

Perma-Chrome

High-Resolution Gun

Unity Current Ratios

Integral Implosion Protection – Banded Type

*The 25BDP22 is the same as the 25BCP22 except for:*

### OPTICAL

Faceplate . . . . . Filterglass

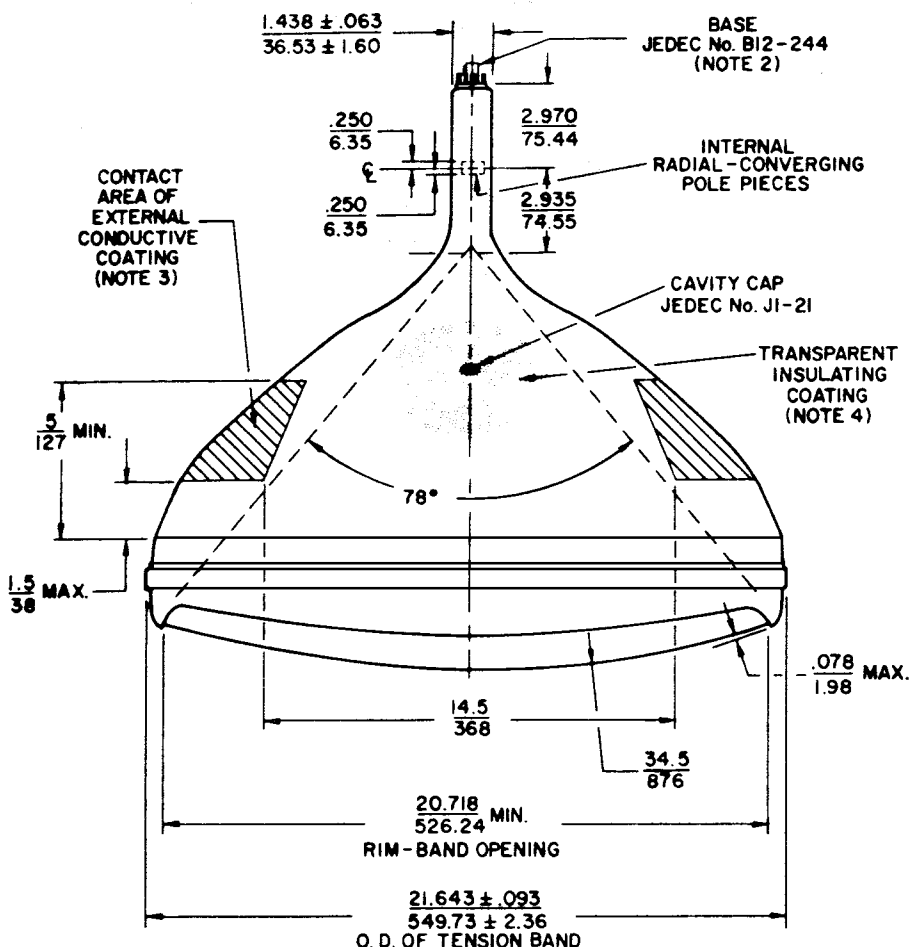
Light transmission at center (Approx.) . . . . . 69%

Surface . . . . . Polished

### MECHANICAL

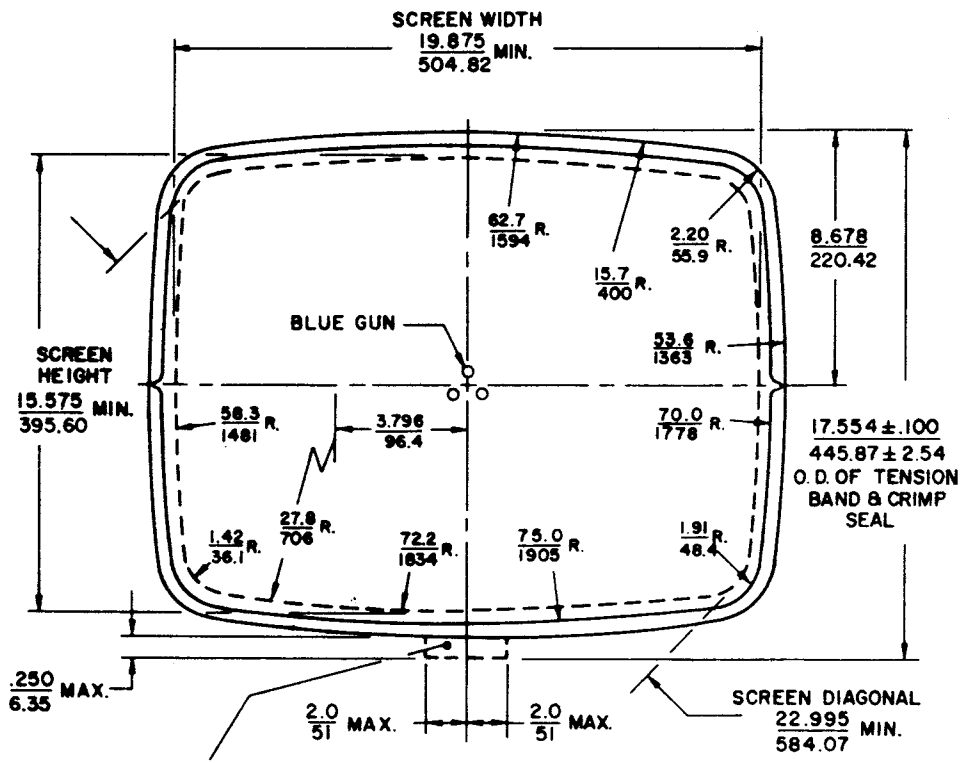
Weight (Approx.) . . . . . 38 lb (17.4 kg)

### DIMENSIONAL OUTLINE (Top View)



# 25BDP22

## DIMENSIONAL OUTLINE (Front View)

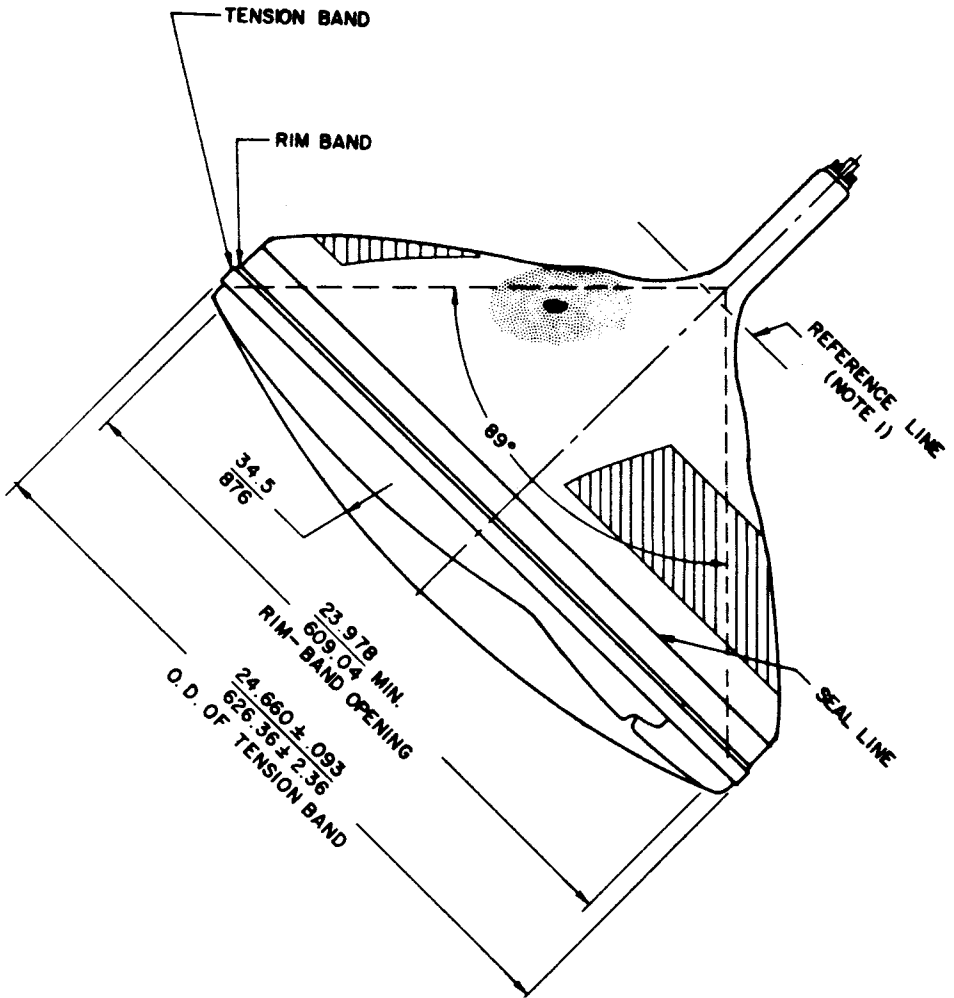


### CLEARANCE AREA FOR TENSION BAND CLIP

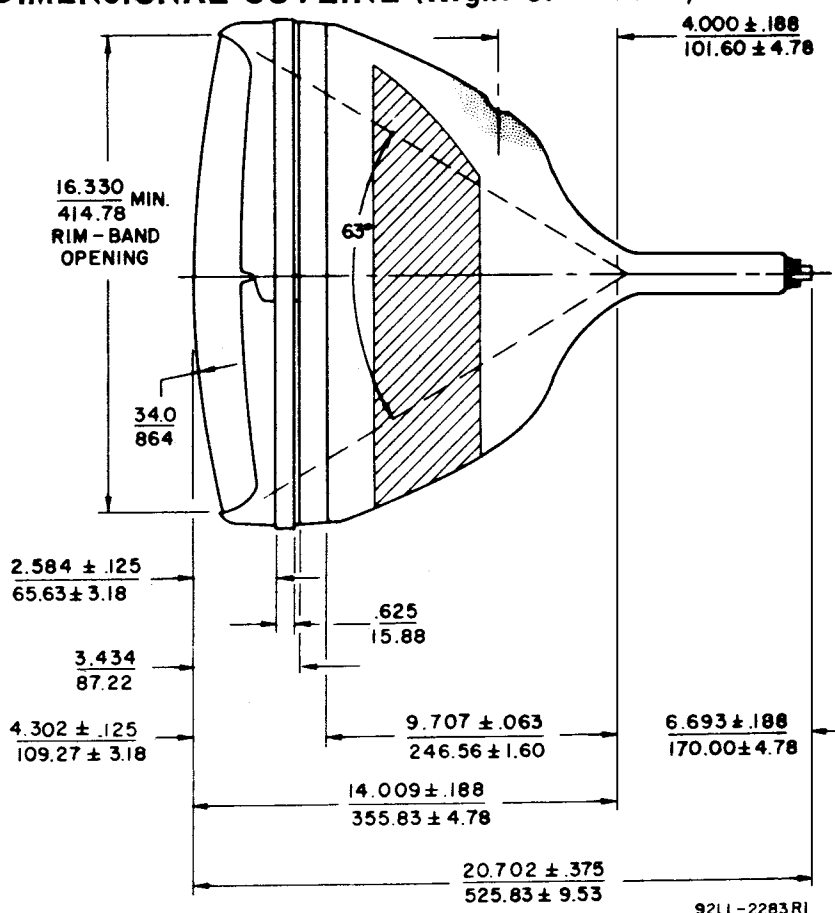
SAGITTAL HEIGHTS AT POINTS  $\frac{125}{3.18}$  BEYOND  
THE EDGE OF MINIMUM SCREEN

|          |                       |
|----------|-----------------------|
| DIAGONAL | $\frac{2.063}{52.40}$ |
| WIDTH    | $\frac{1.524}{38.71}$ |
| HEIGHT   | $\frac{0.950}{24.13}$ |

## DIMENSIONAL OUTLINE (Right Oblique View)



## DIMENSIONAL OUTLINE (Right Side View)



**Note 1:** With tube neck inserted through flared end of reference-line and neck-funnel-contour gauge (JEDEC No.G162) and with tube seated in gauge, the reference line is determined by the intersection of the plane C-C' of the gauge with the glass funnel.

**Note 2:** Socket for this base should not be rigidly mounted; it should have flexible leads and be allowed to move freely. Bottom circumference of base will fall within a 2-inch (51-mm) circle concentric with bulb axis.

**Note 3:** The drawing shows the size and location of the contact area of the external conductive coating. The actual area of this coating will be greater than that of the contact area so as to provide the required capacitance. External conductive coating must be grounded with multiple contacts.

**Note 4:** To clean this area, wipe only with soft, dry, lintless cloth.

Dimensions in  $\frac{\text{Inches}}{\text{mm}}$  unless otherwise shown