**25BDP22**

**Color Picture Tube**

Hi-Lite Matrix Screen         Perma-Chrome
90° Rectangular               High-Resolution Gun
New Green Phosphor            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)**

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**RCA**

Electronic Components

DATA 1

8-69
DIMENSIONAL OUTLINE (Front View)

CLEARANCE AREA FOR TENSION BAND CLIP

SAGITTAL HEIGHTS AT POINTS 125 BEYOND THE EDGE OF MINIMUM SCREEN

<table>
<thead>
<tr>
<th>DIAGONAL</th>
<th>WIDTH</th>
<th>HEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.063</td>
<td>1.524</td>
<td>0.950</td>
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<tr>
<td></td>
<td>38.71</td>
<td>24.13</td>
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</tbody>
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SCREEN WIDTH
19.875 MIN.

SCREEN HEIGHT
15.575 MIN.
395.60

BLUE GUN

SCREEN DIAGONAL
22.995 MIN.
584.07

17.554 ± .100
445.87 ± 2" O.D. OF TEN BAND & CRIB SEAL
**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** \( \text{Inches} \) **unless otherwise shown**