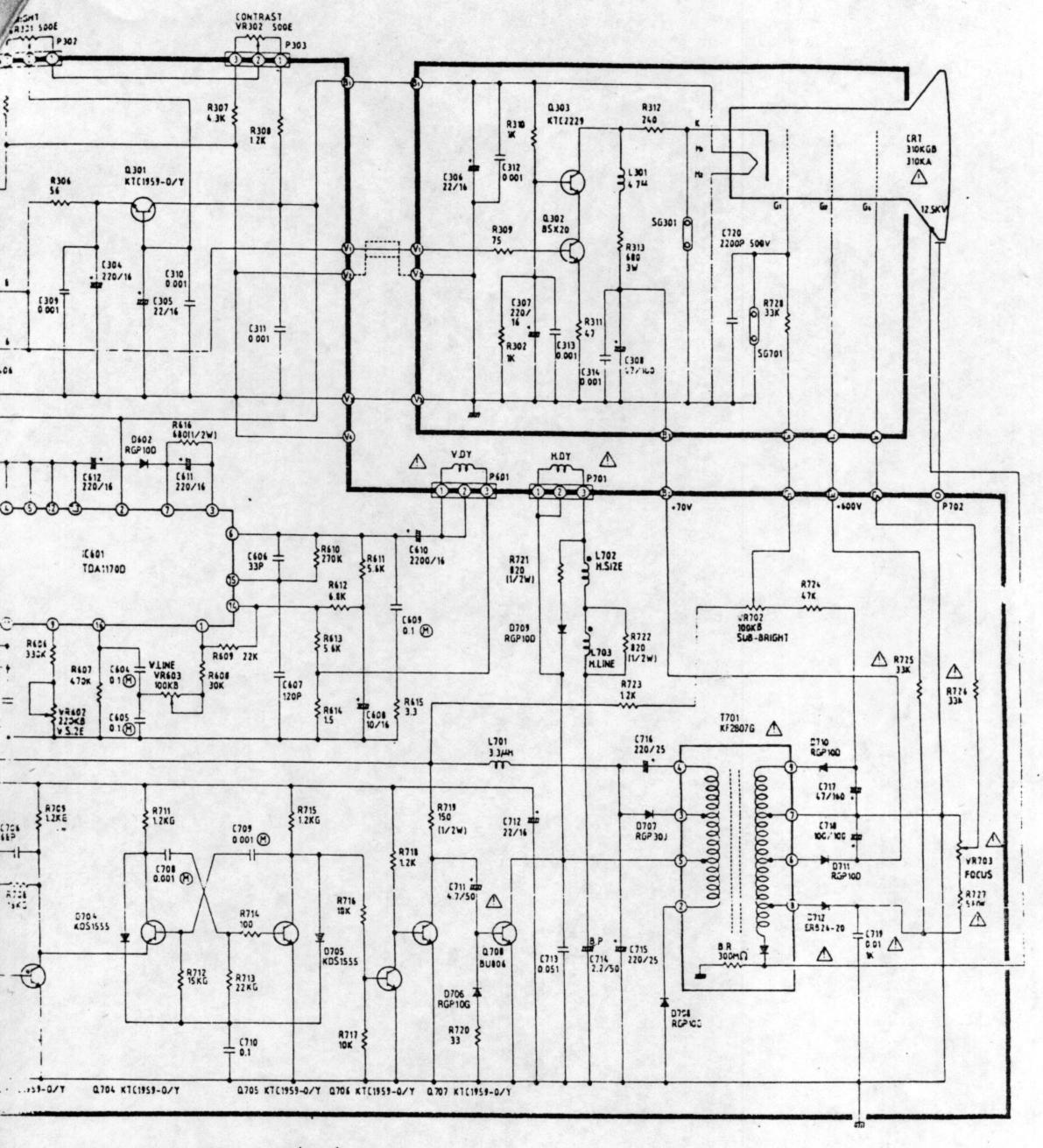


ARKED WITH SAFETY
SYMBOL WITH DENTICAL TYPE

IMPORTANT SAFETY NOTICE

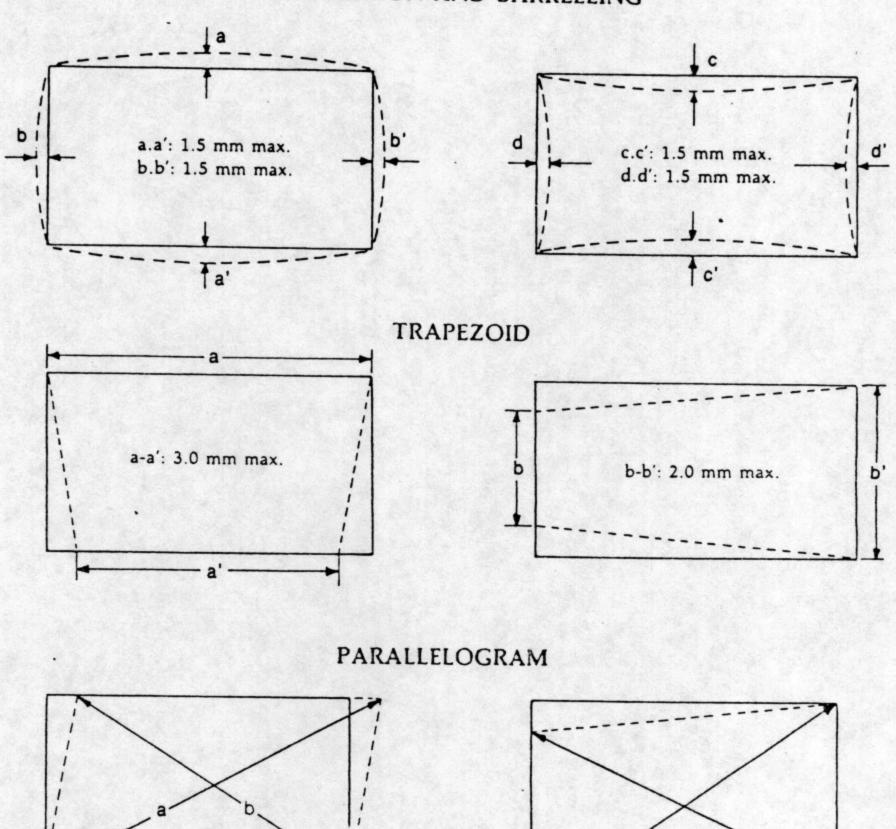
THE SHADED AREA ON THIS SCHEMATIC DIAGRAM INCORPORATES SPECIAL FEATURES IMPORTANT FOR PROTECTION FROM X-RADIATION, FIRE AND ELECTRICAL SHOCK HAZARDS, WHEN SERVICING IT IS ESSENTIAL THAT ONLY MANUFACTURERS SPECIFIED PARTS BE USED FOR THE CRITICAL COMPONENTS IN THE SHADED AREAS OF THE SCHEMATIC.

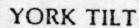


IMPORTANT AVIS SUR LA SECURITÉ

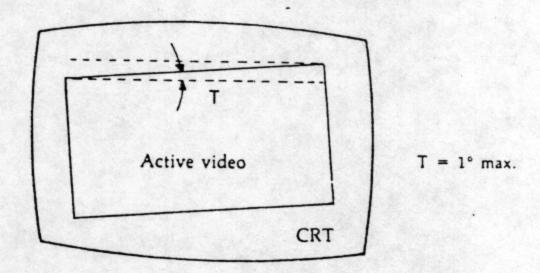
PARTIE OMBRÉE DE CE DIAGRAME SCHÉMATIQUE COMPREND DIMPORTANTES L'ARACTÉRISTIQUES SPÉCIALES CONQUES POUR PROTÉGER DES RAYONS X, ET DES DANGERS DINCENDIE ET DE SECOUSSES ÉLECTRIQUES. EN CAS DE BESON S. DES PIÈCES DE CETTE PARTIE OMBREE DOIVENT ETRE REMPLACÉ S N° UTILISEZ QUE DES PIÈCES SPÉCIFIÉES PAR LE MANUFACTURIER.

PINCUSHION AND BARRELLING





a-b: 2.0 mm max.



c-d: 2.0 mm max.

Fig. 2, Geometry Measurements

SPECIFICATIONS

1. CATHODE RAY TUBE

Type: Non-glare DARK

Size & Deflection angle: 12", 90°

Neck diameter: 20 mm Phosphor: Paper White

2. INPUT

Input signal: TTL Signal Video : 1 Vp-p Positive

· Audio : 1 Vp-p

 Vertical Drive : 5 ± 1.5 Vp-p Negative Horizontal Drive: 5 ± 1.5 Vp-p Negative

Power Input: AC 220V 50Hz, 0.26A Input Connector: 13 Pin Din Connector

3. SCANNING

Horizontal frequency: 35.7 KHz Horizontal retrace time : 6.3 uS Vertical frequency: 71.2 Hz Vertical retrace time : 420 uS

4. VIDEO

• Display Area (HXV) : 210 mm × 130 mm

· Amplifier Type : Linear

· Frequency band width: 32 MHz

· Horizontal resolution: 1100 lines at center Display character: 80 × 50 characters

5. CEOMETRIC DISTORTION: 2.5% max.

6. LINEARITY

· Horizontal : 10% max. · Vertical : 10% max.

7. EXTERNAL CONTROLS: BRIGHTNESS, CONTRAST,

ON/VOLUME

ADJUSTMENT AND MAINTENANCE

CIRCUIT PROTECTION

Circuit protection is provided by one Mini fuse, on the power pc board. A 0.5 Ampere fuse (F901) is wired into one side of the AC line and provides primary protection to the entire chassis.

1. CENTERING ADJUSTMENT

CAUTION: The following adjustment points are close to the high voltage yoke terminal. If the raster is not centered in the raster opening, it may be centered by removing the cabinet back and adjusting the centering tabs on the neck of the tube, located at the rear of the deflection yoke. Turn the whole device clockwise or counterclockwise. To increase the amount of raster shift, move the two tabs which project from the device, farther apart. If the raster is tilted on an angle, it may be straightened by loosening the deflection yoke locking clamp and rotating the deflection yoke.

2. FOCUS

Adjust the foucs control (VR703) for best overall focus of the test pattern (marked with the symbol "%"). Usually the center and corners of the screen do not focus at the same setting and a compromise must be made.

3. BRIGHTNESS

Adjust subbrightness control (VR301) for visual cut off of the raster when external brightness is turned to maximum.

4. VERTICAL SIZE AND LINEARITY ADJUSTMENT The vertical size control (VR602) should be adjusted for the picture to fill the screen vertically, the linearity control (VR603) should be adjusted for best overall vertical linearity. Adjustment of either control will not affect the adjustment

of the other.

5. HORIZONTAL SIZE AND LINEARITY ADJUSTMENT

The horizontal size control (L702) is located on the main PCB, it should be adjusted for the picture to fill the screen horizontally, the linearity control (L703) should be adjusted for the best overall horizontal linearity adjustment so neither control will affect the adjustment of the other.