

## Picture Tube

RECTANGULAR GLASS TYPE  
LOW-VOLTAGE ELECTROSTATIC FOCUS

ALUMINIZED SCREEN  
70° MAGNETIC DEFLECTION

### Electrical:

Direct Interelectrode Capacitances:

Cathode to all other electrodes . . . . .	5	pf	
Grid No.1 to all other electrodes . . . . .	6	pf	
External conductive coating to anode. . . . .	{ 750 max. 500 min.	pf	
Heater Current at 6.3 volts . . . . .		600 ± 60	ma
Electron Gun. . . . .		Type Requiring No Ion-Trap Magnet	

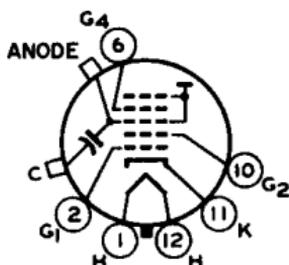
### Optical:

Phosphor (for curves, see front of this section). P4—Sulfide Type, Aluminized  
Faceplate, Spherical. . . . . Filterglass  
Light transmission (Approx.). . . . . 75%

### Mechanical:

Weight (Approx.). . . . . 24 lbs  
Overall Length. . . . . 23-1/32" ± 3/8"  
Neck Length . . . . . 7-1/2" ± 3/16"  
Projected Area of Screen. . . . . 248 sq. in.  
External Conductive Coating:  
Type. . . . . Regular-Band  
Contact area for grounding. . . . . Near Reference Line  
For Additional Information on Coatings and Dimensions:  
See *Picture-Tube Dimensional-Outlines and Bulb J170 B/D* sheets  
at front of this section  
Cap . . . . . Recessed Small Cavity (JEDEC No. J1-21)  
Base. . . . . Small-Shell Duodecal 6-Pin (JEDEC Group 4, No. B6-63)  
Basing Designation for BOTTOM VIEW. . . . . 12L

- Pin 1—Heater
- Pin 2—Grid No.1
- Pin 6—Grid No.4
- Pin 10—Grid No.2
- Pin 11—Cathode
- Pin 12—Heater



- Cap—Anode  
(Grid No.3,  
Grid No.5,  
Screen,  
Collector)
- C—External  
Conductive  
Coating

### Maximum and Minimum Ratings, Design-Maximum Values:

*Unless otherwise specified, voltage values are positive with respect to cathode*

ANODE VOLTAGE . . . . . 20000 max. volts



