



CETRON[®]
ELECTRONIC CORPORATION

CEA59RX
Gas - Filled Photo Tube

TUBE TYPE: CEA59RX

GENERAL CHARACTERISTICS:

Gas filled photo tube

Unobstructed window frame anode, semi-cylindrical cathode, lime glass envelope, 5 pin octal base
Jedec No. B5-10.

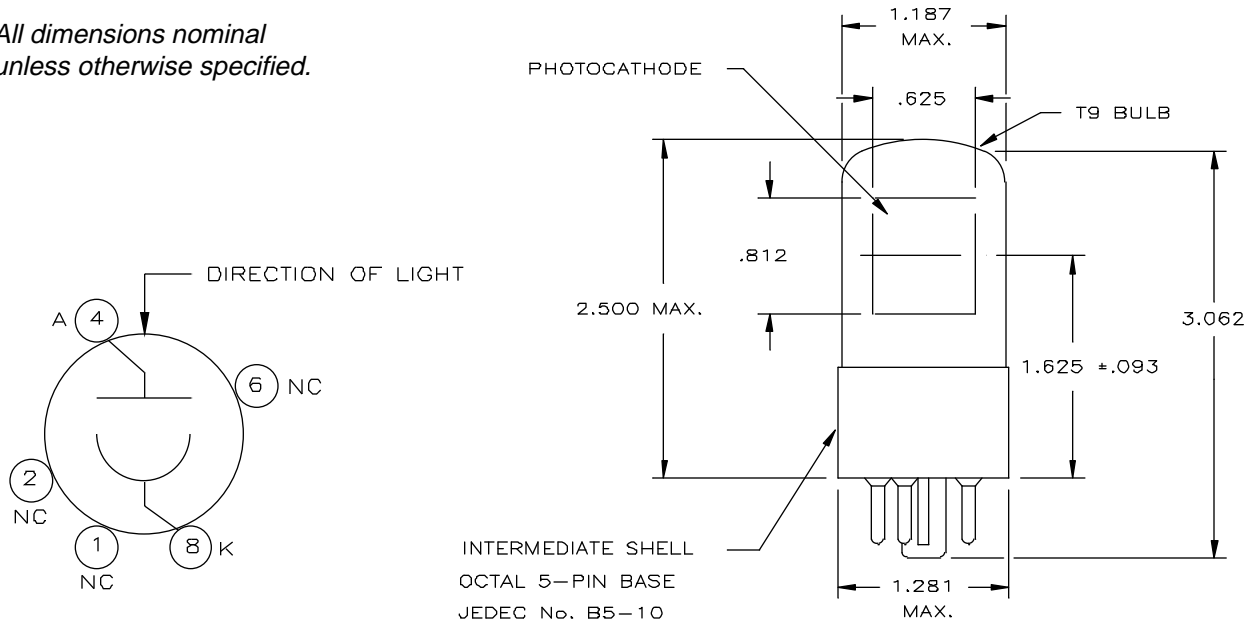
TEST CONDITIONS:

Tested with a tungsten filament lamp of 2870°K color temperature and an illumination of 0.1 lumen on a circular cathode spot 0.5 inch diameter located on the centerline of the cathode. Anode voltage of 90V DC and 1.0 megohm load resistance.

SPECIFICATIONS:

Spectral Response	S4
Minimum sensitivity	7.5 UA/lumen
Maximum sensitivity	—
Maximum dark current	.005 UA at 23° C
Maximum anode voltage	90V DC
Wavelength maximum response	app. 400 nm
Usable Cathode area sq. in.	0.51 sq. in.
Maximum ambient temperature	75° C
Gas amplification factor	≤ 5.5 (25-90V DC)

All dimensions nominal unless otherwise specified.



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