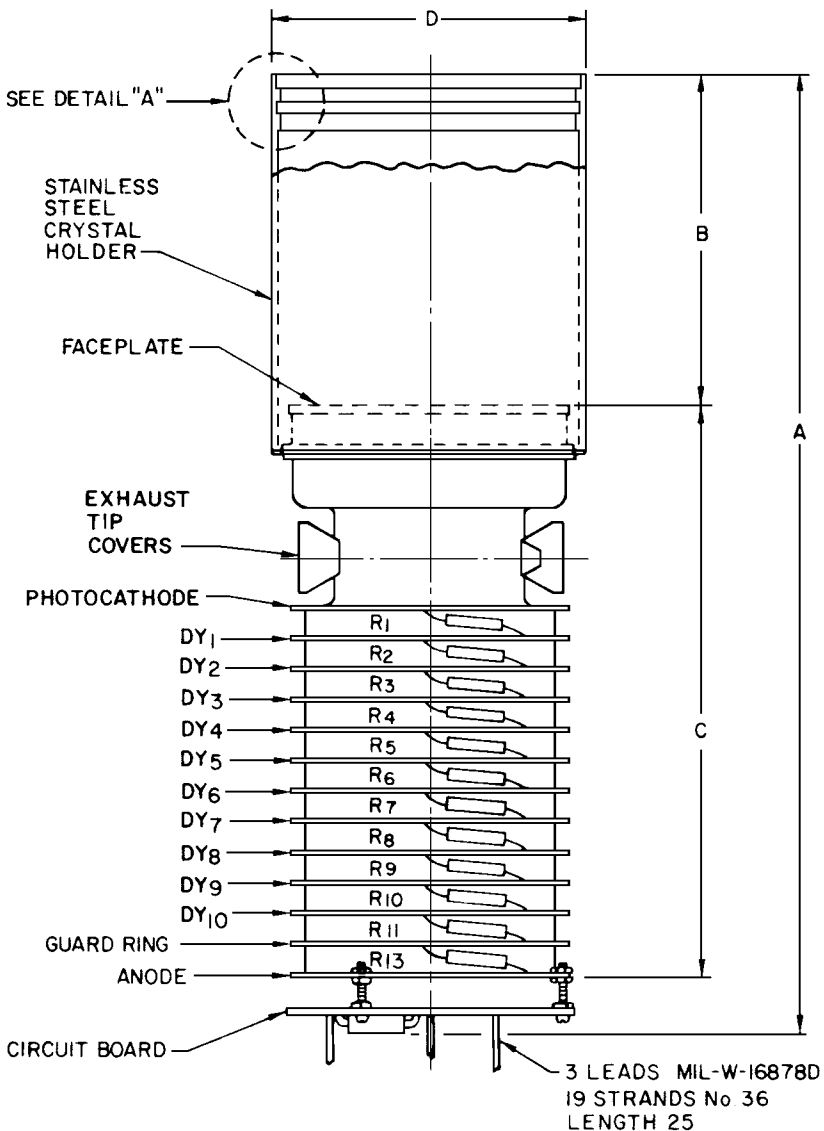


8664/VI

Photomultiplier Tube

RCA-8664/VI is a variant of type 8664 incorporating in its design a scintillation-crystal holder and a voltage-divider network. Ratings and characteristics for the 8664/VI are the same as shown for type 8664.

DIMENSIONAL OUTLINE (Front View)

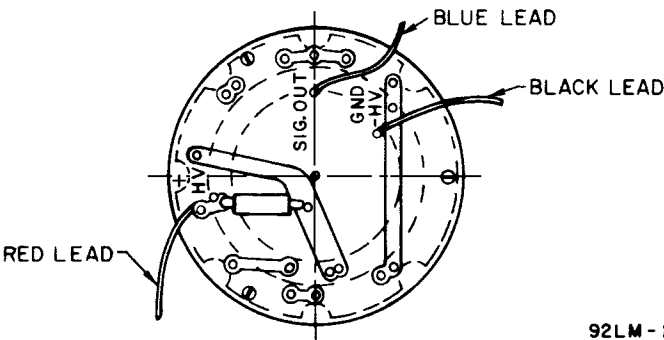


**Electronic
Components**

DATA 1
8-70

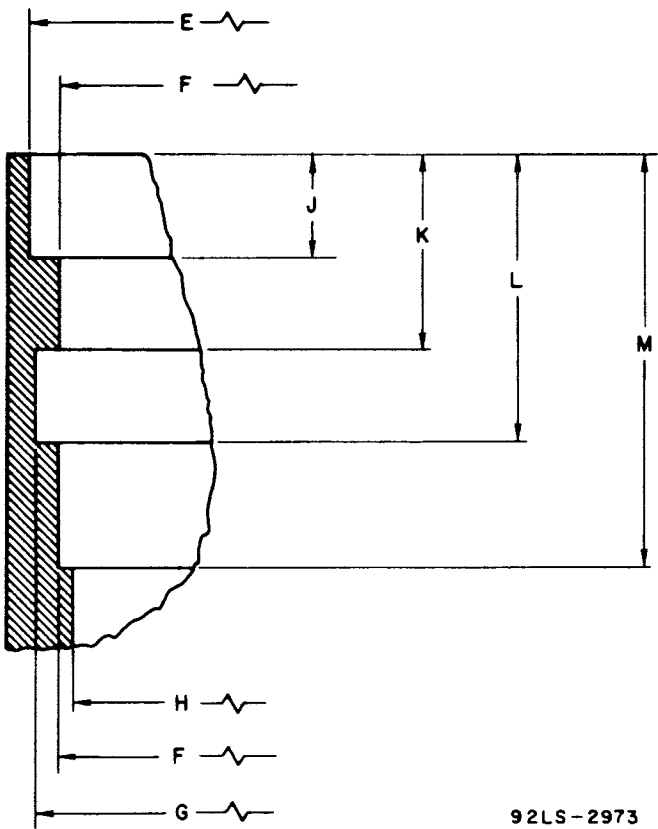
8664/VI

DIMENSIONAL OUTLINE (Bottom View)



92LM-2977

DETAIL "A"



92LS-2973

OUTLINE DIMENSIONS

Dimensions	Inches	mm
A	6.99 Max.	177.5 Max.
B	$2.352 \pm .005$	$59.740 \pm .127$
C	4.00 Max.	102 Max.
D	$2.250 \pm .010$ Dia.	$57.15 \pm .25$ Dia.
E	$2.210 \pm .005$ Dia.	$56.134 \pm .127$ Dia.
F	$2.150 \pm .005$ Dia.	$54.610 \pm .127$ Dia.
G	$2.190 \pm .005$ Dia.	$55.626 \pm .127$ Dia.
H	2.120 Dia.	53.85 Dia.
J	$.098 \pm .005$	$2.499 \pm .127$
K	$.188 \pm .005$	$4.775 \pm .127$
L	$.280 \pm .005$	$7.112 \pm .127$
M	$\left\{ \begin{array}{l} .406 \pm .030 \\ \quad - .000 \end{array} \right.$	$\left\{ \begin{array}{l} 10.31 \pm .76 \\ \quad - .00 \end{array} \right.$

PARTS LIST FOR ACCOMPANYING TYPICAL VOLTAGE-DIVIDER ARRANGEMENT

C_1 : 0.005 μ F, 20%, 1000 V dc, ceramic disc

C_2 : 0.01 μ F, 20%, 1000 V dc, ceramic disc

C_3, C_4 : 0.01 μ F, 20%, 3000 V dc, ceramic disc

R_1 : 22 M Ω , 5%, 1/2 Watt

R_2 through R_{10} : 8.2 M Ω , 5%, 1/2 Watt

R_{11} : 2.4 M Ω , 5%, 1/2 Watt

R_{12} : 1 M Ω , 5%, 1/2 Watt

R_{13} : 1.1 M Ω , 5%, 1/2 Watt

R_{14} : 10 M Ω , 5%, 1/2 Watt

TYPICAL VOLTAGE-DIVIDER ARRANGEMENT

