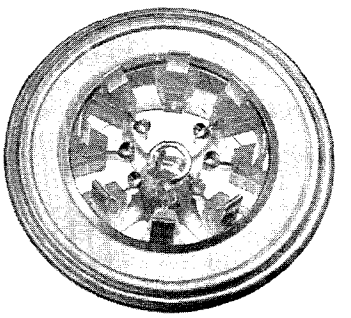
TECHNICAL DATA

SK-600A
SK-610A

AIR-SYSTEM SOCKETS



This series of sockets provide terminal connection, cooling air direction, and a low inductance screen bypass capacitor for the power tubes listed below. The SK-600 series sockets may be used with other tube types having similar basing.

These Air-System Sockets are recommended for use with the following tubes:

7034/4X150A	8249/4W300B	8904/4CX350FJ
7203/4CX250B	8321/4CX350A	8930
7580W/4CX250R	8322/4CX350F	8957/4CX250BC
7609	8621/4CX250FG	

Normally the ceramic chimney SK-606 is used with these two sockets to direct the cooling air past the body of the tube as it flows from pressurized chassis through the socket, then through the tube anode fins. Reverse air direction may be used. (Type 8930 uses Chimney SK-646).

The base contact fingers and the screen terminal fingers are heat treated beryllium copper. The base contact fingers are supported and insulated by polytrifluoroethylene, an excellent insulating material even at ultra high frequencies. All contact fingers, and the brass shell are silver plated to insure good contact and to resist corrosion.

These sockets have hermetically sealed screen bypass capacitors to protect against moisture and dirt.

The SK-600A socket has all base terminals brought out separately. The SK-610A has cathode terminals 2, 4, 6 and 8 connected to the shell.

INSTALLATION

These Air-System Sockets can be mounted on chassis decks or partitions or in coaxial tuning devices with no modification to the socket. Chassis mounting is accomplished by cutting a 2¼" diameter hole in the chassis deck or partition. The socket is then placed in the hole and held securely by the three toe clamps provided.

If the socket is to be used in a coaxial line, it may be mounted directly on the end of the input line outer conductor. The socket skirt fits snugly on a 1⅝" diameter cylinder and four screw holes are provided for fastening as shown in the outline drawing.

CHARACTERISTICS

	SK-600A	SK-610A
SCREEN BYPASS CAPACITOR WORKING VOLTAGE DC	1000	1000
SCREEN BYPASS CAPACITANCE(pF)	2700 ± 500	2700 ± 500
CATHODE TERMINALS CONNECT TO SHELL	No	Yes
SCREEN BYPASS CAPACITOR HERMETICALLY ENCAPSULATED	Yes	Yes
NET WEIGHT	3.5 oz. (99 gms)	3.5 oz. (99 gms)

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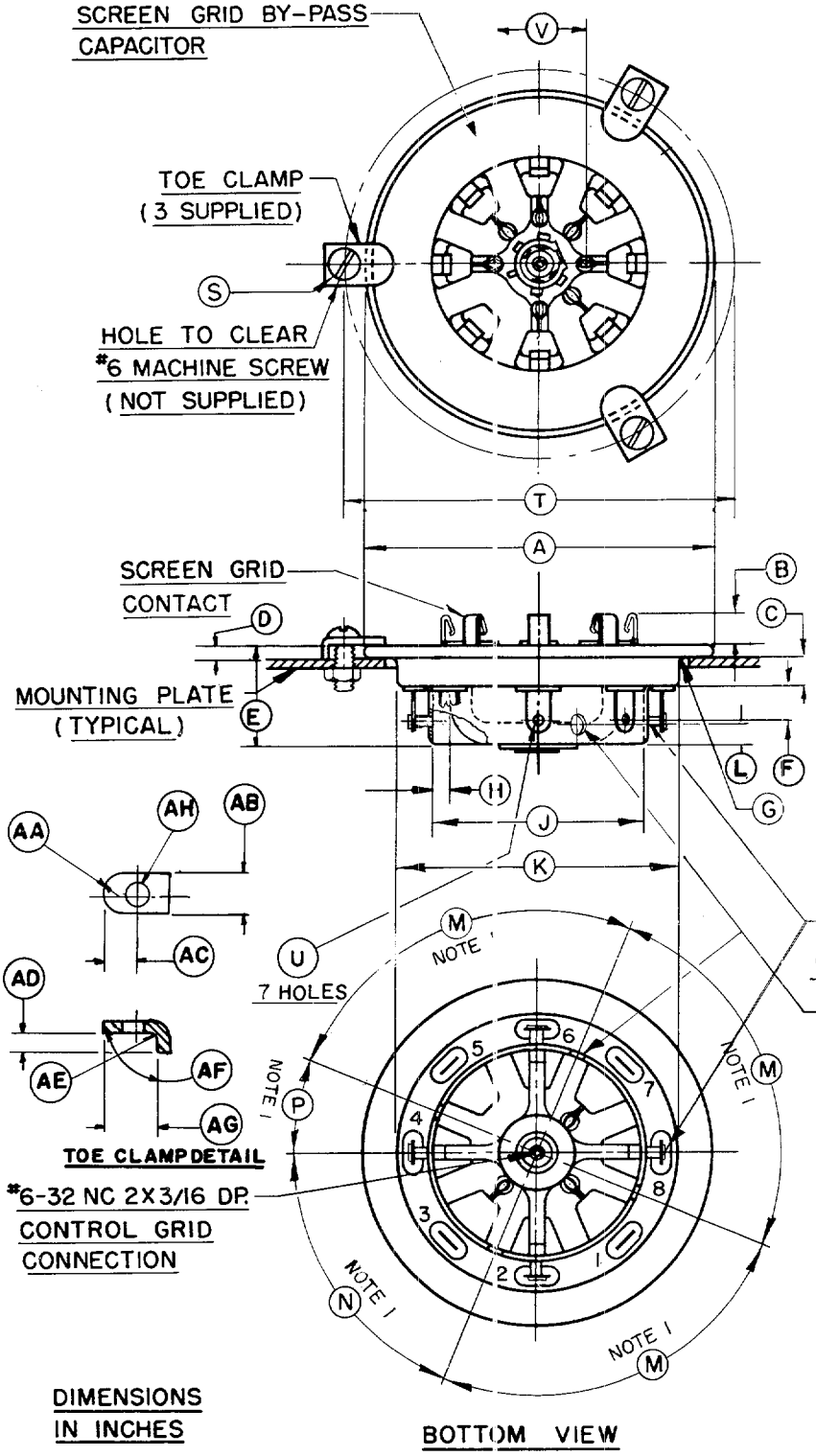

DIM	INCHES			MILLIMETERS		
	MIN.	MAX.	REF.	MIN.	MAX.	REF.
A	2.688	2.750	- -	68.27	69.85	- -
B	0.234	0.266	- -	5.94	6.76	- -
C	0.203	0.235	- -	5.16	5.97	- -
D	0.125	0.157	- -	3.17	3.99	- -
E	0.844	0.906	- -	21.44	23.01	- -
F	- -	- -	0.250	- -	- -	6.35
G	- -	0.031R	- -	- -	0.79R	- -
H	- -	- -	0.078	- -	- -	1.98
J	1.633	1.643	- -	41.48	41.73	- -
K	2.188	2.208	- -	55.57	56.08	- -
L	0.172	0.204	- -	4.37	5.18	- -
M	89° *	91°*	- -	89°*	91° *	- -
N	66.5°*	68.5°*	- -	66.5°*	68.5°*	- -
P	21.5°*	23.5°*	- -	21.5° *	23.5°*	- -
R	- -	- -	0.144	- -	- -	3.66
S	0.142	- -	- -	3.61	- -	- -
T	- -	- -	3.000	- -	- -	76.20
U	- -	- -	0.090	- -	- -	2.29
V	- -	- -	0.687	- -	- -	17.45
AA	0.125R	0.187R	- -	3.17R	4.75R	- -
AB	0.292	0.332	- -	7.42	8.43	- -
AC	0.292	0.332	- -	7.42	8.43	- -
AD	0.105	0.145	- -	2.69	3.68	- -
AE	- -	0.062R	- -	- -	1.57R	- -
AF	80°	100°	- -	80°	100°	- -
AG	0.417	0.457	- -	10.59	11.61	- -
AH	0.142	0.146	- -	3.61	3.71	- -

*SEE NOTE 1.

DIMENSIONS IN INCHES

CONNECTIONS

NO. 1 SCREEN GRID
" 2 CATHODE
" 3 HEATER
" 4 CATHODE
" 5 NO CONNECTION
" 6 CATHODE
" 7 HEATER
" 8 CATHODE

NOTES:
1 – TOLERANCES ARE NOT CUMULATIVE