TECHNICAL DATA



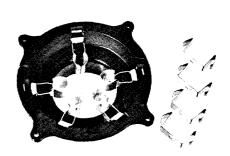


The EIMAC SK-510 is an Air-System Socket recommended for use with the tube types listed below, or other types having the same special five-pin base. Two different glass Air-Chimneys are available from EIMAC for use with the SK-510, depending on the tube type used.

The SK-510 is especially recommended for pressurized-chassis installations. Cooling air then cools the base, envelope, and plate-seal areas of the tube, when directed by the proper Air-Chimney.

Contact terminals are provided for all five of the tube base connections, with the anode connection made separately at the top of the tube.

The SK-510 and its contact assemblies are humidity and saltspray resistant.



BASE CONNECTIONS, MATERIALS, AND FINISHES

The socket shell or body is of a molded plastic with excellent insulation characteristics to match the tube types for which this unit was designed. The base contact terminals are made of beryllium-copper and are silver plated. A set of four clips are provided, for locating and holding the recommended Air-Chimney concentric with the tube. These clips are double-ended so they will ground the metal base shell of some tube types which require this. The clips are also made of beryllium copper but are cadmium plated.

NET WEIGHT (Approximate) 6.5 oz; 184 gms

INSTALLATION

The SK-510 Air-System Socket can be mounted on a chassis deck, partition, or pressurized compartment. Mounting is accomplished by cutting a 3-3/4 inch hole in the mounting surface, placing the socket below the hole, and fastening it into place with four 6-32 machine screws (not supplied) through the four mounting holes in the "ears" of the socket body.

The socket also has a 2-3/8 inch 0.D. round neck extending 3/4 inch below the main socket body which provides a means for connecting a standard air duct to the base.

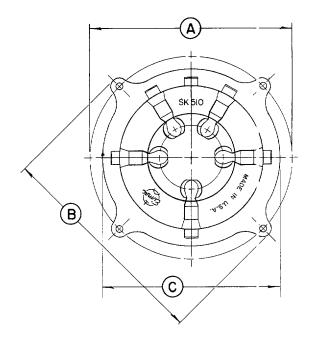
The following listing shows the EIMAC tube types which may be used with the SK-510 and the

0 0	<i>7</i> 1			
recommended Air-Chimney.	TUBE TYPE	AIR CHIMNEY		
	3 -1 000Z (8164)	SK-516		
	4-1000A (8166)	SK-506		
	4PR1000A (8189)	SK-506		
	4PR1000B (8189W)	SK-506		
	TYPE 279	SK-506		
	TYPE 284	SK-506		
	TYPE 8960	SK-506		

(Revised 3-15-75) © 1963, 1966, 1975 by Varian

Printed in U.S.A.





DIM ENSION AL DATA								
DIM	INCHES				MILLIMETERS			
	MIN.	MAX.	REF.		MIN.	MAX.	REF.	
Д	4.593 *	4.656 *			116.7	118.3		
В	4.968	5.031			126.2	127.8		
С	4.031*	4.093*			102.4	104.0		
D	0.156	0.218			3.96	5.54	1	
Ε	0.718	0.781			18.24	19.83		
F		1	1.250		1	1	31.75	
Н	1.468	1.531			37.29	38.89	-	
J ××							1	
K	0.093*	0.156*			2.36 *	3.96 *	1	
L	0.093R	0.156R			2.36R	3.96R	-	
М	0.343	0.406	-		8.71	10.31		
Ν	2.343 *	2.406 *			59.51 *	61.11 *		
Ρ			2.890			1	73.41	
R	3.593*	3.656 *			91.26*	92.86*		
S	2.140*	2.203*			54.36 *	55.96*		
Т	- -	-	0.187R				4.75R	
U			0.500R				12.70R	
V	0.139*	0.152*			3.53 *	3.86*		

- * DIAMETER
- ** 0.031 x 0.281, 0.093 x 0.343 (IN.) 0.79 x 7.14, 2.36 x 8.71 (MIL.)

