

NONCODED SOCKETS—KS-8132 THROUGH KS-13680

DESCRIPTION

1. GENERAL

1.01 This section lists and illustrates noncoded sockets within the part or type number range of KS-8132 through KS-13680, used for the maintenance and operation of equipment in central offices.

1.02 The reasons for reissuing this section are listed below. Since this is a major revision, revision arrows have been omitted.

- (1) To update to the standard BSP format
- (2) To divide this section into smaller sections for easier access and maintainability
- (3) To add the following sockets:
 - KS-8132, L1
 - KS-13225, L1 through L3
 - KS-13364, L2 through L5, L8 through L10
 - KS-13680, L1, L2, L4, L5.

1.03 Information previously shown in Issue 1 of this practice is now provided in the following sections:

SECTION	TITLE
032-303-105	Noncoded Sockets—KS-14099 Through KS-14638
032-303-110	Noncoded Sockets—KS-16102 Through KS-19826
032-303-115	Noncoded Sockets—KS-20241 Through KS-21320

SECTION

TITLE

032-303-120	Noncoded Sockets—KS-21538 Through KS-22320.
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2. DESCRIPTION OF SOCKETS

2.01 *KS-8132, L1*: The KS-8132, L1, vacuum tube socket (Fig. 1) is a molded, plastic base, containing six silver-plated, phosphor-bronze contact springs. Each contact has a helical booster spring to insure contact pressure. The socket accepts a standard six-prong vacuum tube and is used with the K-Carrier Telephone System.

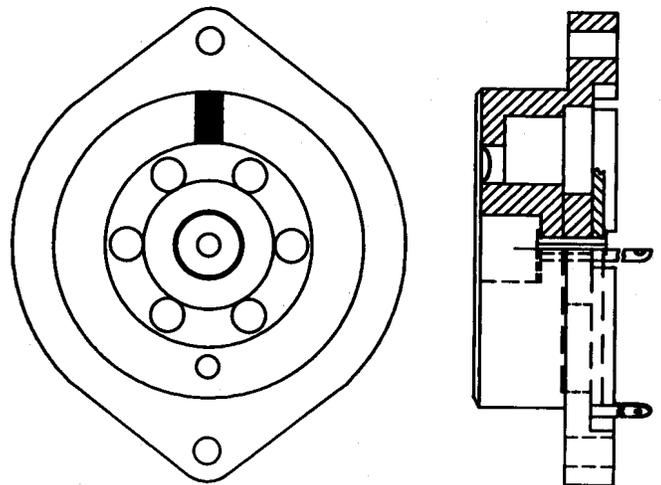


Fig. 1—KS-8132, L1, Vacuum Tube Socket

2.02 *KS-8586-Type*: The KS-8586-type sockets mate with the KS-8585-type plugs. For more information, see Table A.

TABLE A

KS-8586 LIST NO.	FIG. NO.	NO. OF CONTACTS	MATES WITH PLUG KS-8585 LIST NO.
1	1	24	1, 2, 5, 7
2	3	4	3, 4
3	4	4	3, 4
4	5	6	6, 16, 17, 20, 50
5	6	4	8, 9, 51
6	7	4	8, 9, 14, 24, 51
7	5	8	10, 13, 44, 49
8	4	18	11
9	8	2	12, 15
10	6	8	10, 13, 52
11	9	2	15
12	10	6	16, 17, 45
13	5	10	16, 18, 19
14	11	15	21, 22
15	4	15	21, 22
16	12	33	23
17	6	10	18, 19, 37
18	13	2	15
19	14	15	25
20	14	21	30
21	14	33	26
22	7	4	9, 51
23	1	12	27
24	4	15	25
25	4	12	27
26	5	6	16
27	4	15	29
28	5	6	6, 50
29	4	15	21, 22

TABLE A (Contd)

KS-8586 LIST NO.	FIG. NO.	NO. OF CONTACTS	MATES WITH PLUG KS-8585 LIST NO.
30	11	15	21, 22
31	5	10	18, 19
32	3	21	30
33	16	24	31
34	16	27	32
35	16	33	26, 43
36	17	12	33, 46
37	14	18	34, 36
38	4	18	35
39	5	10	18
40	6	12	38, 40
41	12	18	35
42	16	18	39, 41
43	14	18	41
44	18	8	42
45	11	8	42
46	19	33	43
47	6	15	25
48	16	33	43
49	11	18	11
50	5	10	16
51	4	21	47
52	5	4	48
53	5	8	Used in special application.
54	20	6	16, 17
55	21	21	53
56	11	6	16, 17, 20
57	22	27	32
58	11	4	8, 9, 24
59	—	6	54

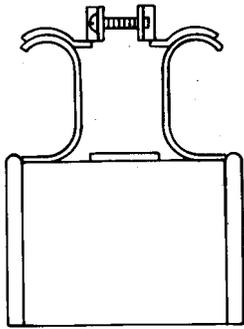


Fig. 2—KS-8586, L1, Socket

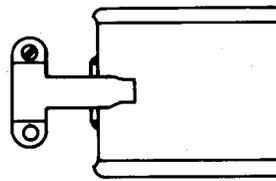


Fig. 4—KS-8586, L3, L8, L15, L24, L25, L27, L29, L38 or L51, Socket

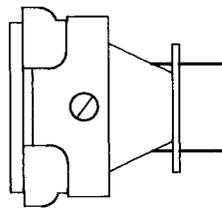


Fig. 5—KS-8586, L4, L7, L13, L26, L28, L31, L39, L50, L52, or L53, Socket

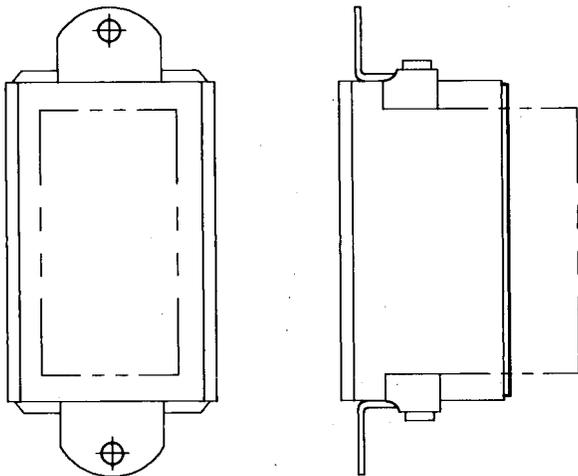


Fig. 3—KS-8586, L2 or L32, Socket

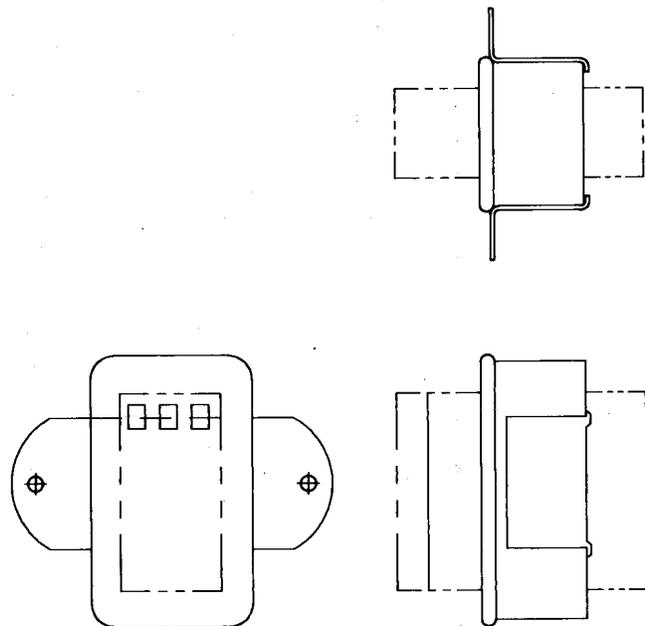


Fig. 6—KS-8586, L5, L10, L17, L40 or L47, Socket

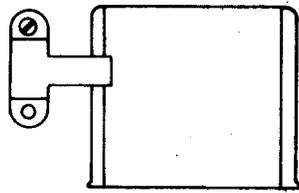


Fig. 7—KS-8586, L6, Socket

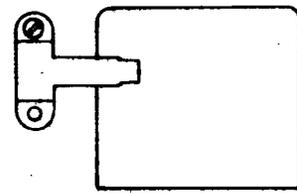


Fig. 11—KS-8586, L14, L30, L45, L49, L56 or L58, Socket

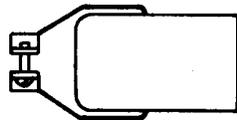


Fig. 8—KS-8586, L9, Socket

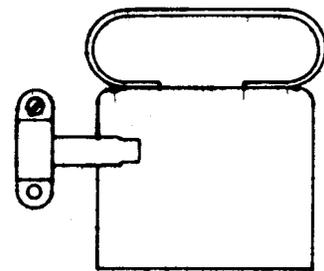


Fig. 12—KS-8586, L16, or L41, Socket

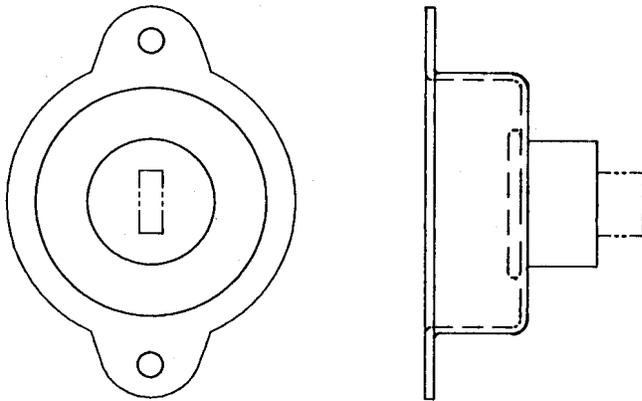


Fig. 9—KS-8586, L11, Socket

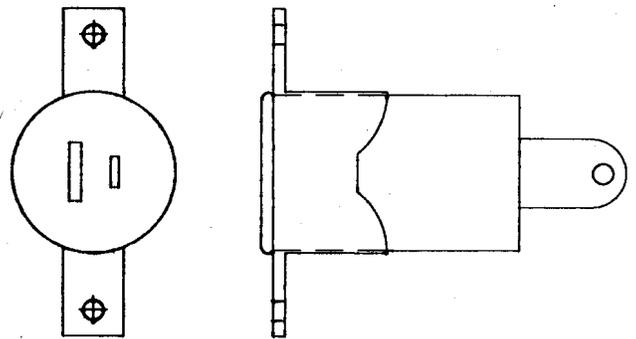


Fig. 13—KS-8586, L18, Socket

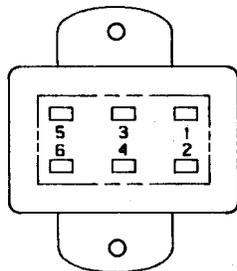


Fig. 10—KS-8586, L12, Socket

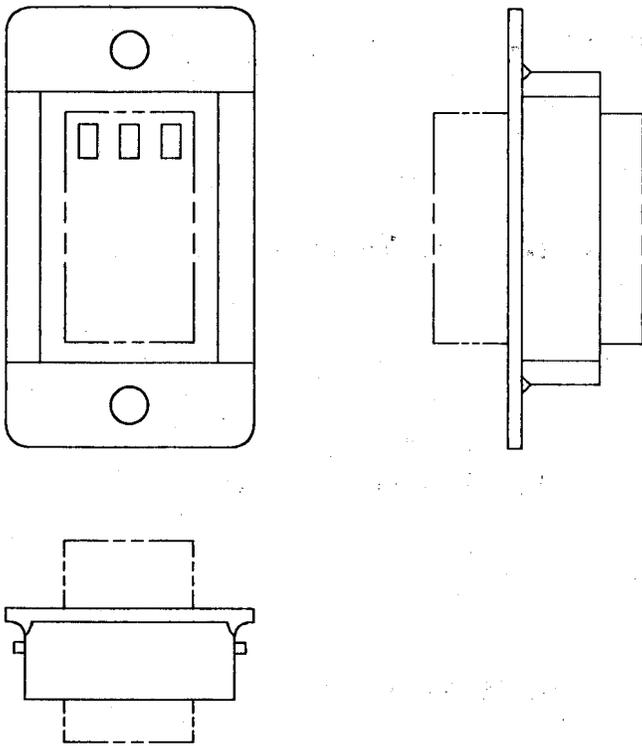


Fig. 14—KS-8586, L19, L20, L21, L37, or L43, Socket

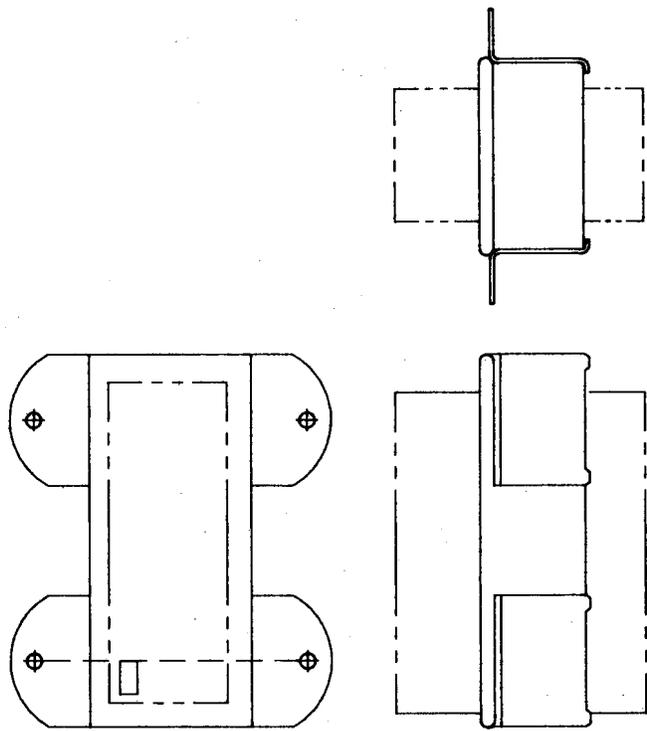


Fig. 16—KS-8586, L33, L34, L35, L42 or L48, Socket

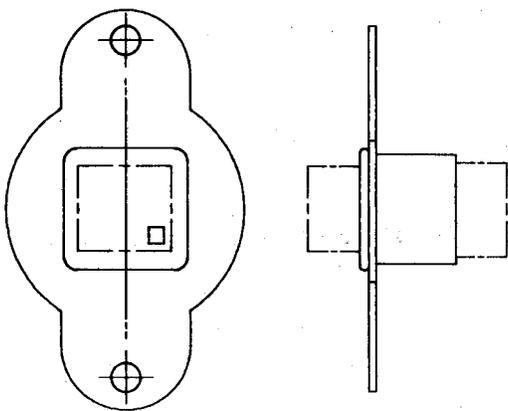


Fig. 15—KS-8586, L23, Socket

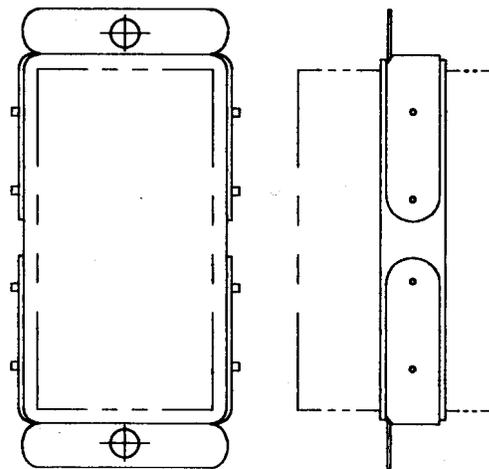


Fig. 17—KS-8586, L36, Socket

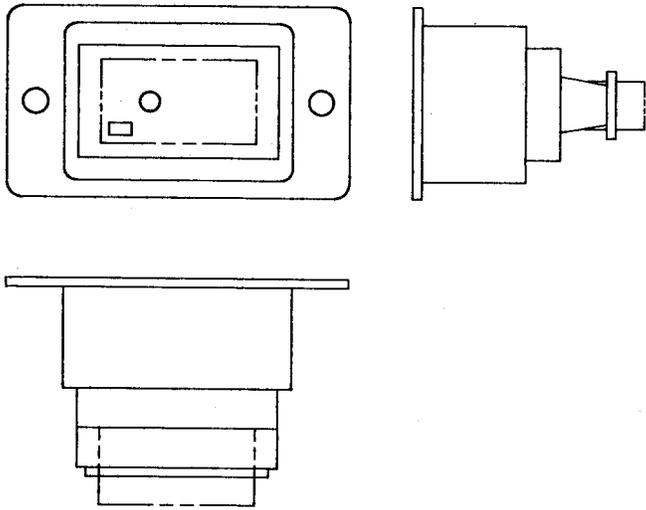


Fig. 18—KS-8586, L44, Socket

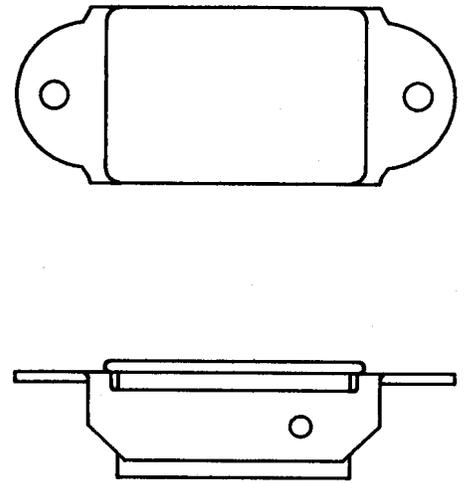


Fig. 20—KS-8586, L54, Socket

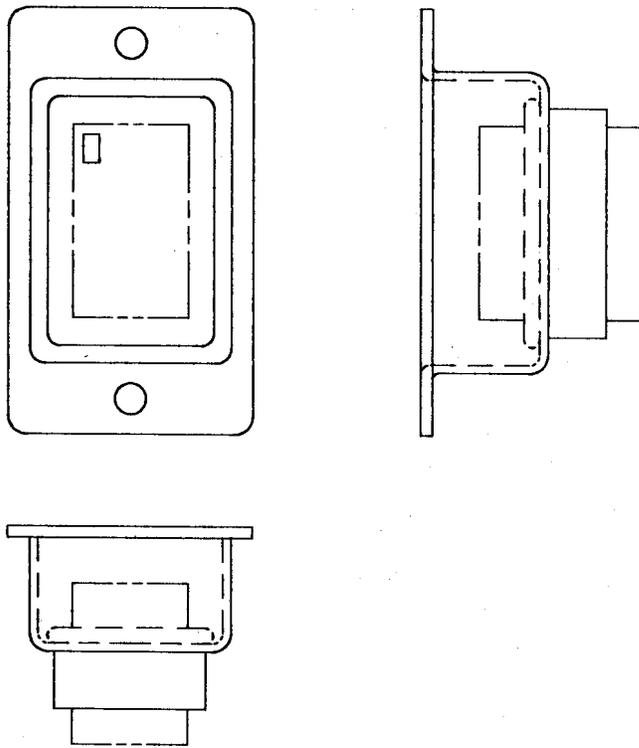


Fig. 19—KS-8586, L46, Socket

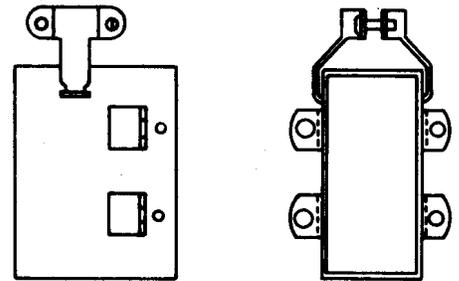


Fig. 21—KS-8586, L55, Socket

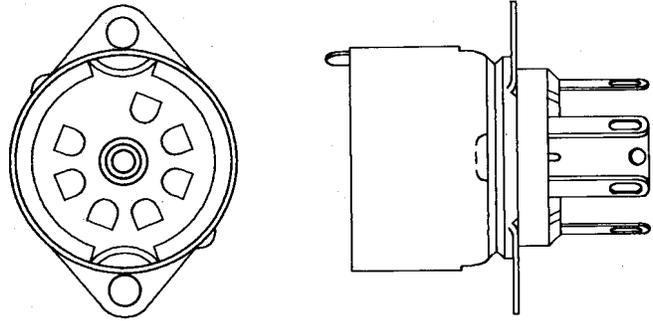
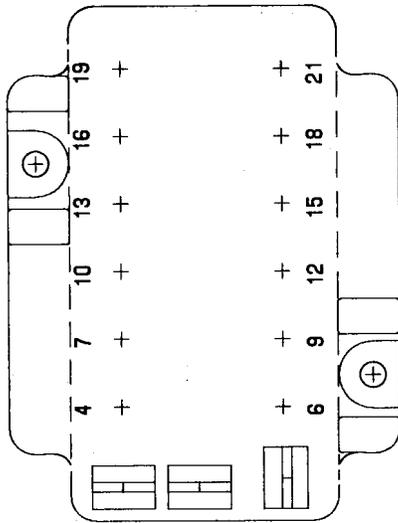


Fig. 23—KS-13225, L1, L2, or L3, Socket

- (a) **KS-13225, L1:** This socket is plastic and has a brass mounting saddle.
- (b) **KS-13225, L2:** This socket is ceramic and has a brass mounting saddle.
- (c) **KS-13225, L3:** This socket is plastic and has a steel mounting saddle.

2.04 KS-13364-Type: The KS-13364-type sockets consist of a molded-type plastic body with a metal or integrally molded saddle and silver-plated, phosphor-bronze, wrap-around terminals arranged for octal, 11-pin bases. The sockets are designed to mount on the wiring side of the panel.

- (a) **KS-13364, L2:** This socket (Fig. 24) is used in the No. 5 Crossbar System.

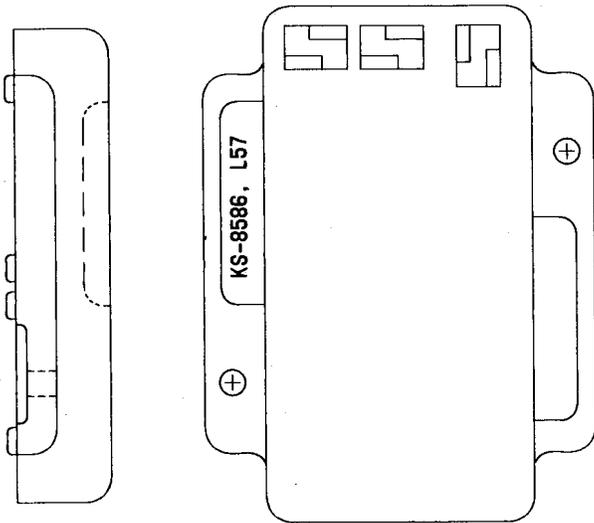


Fig. 22—KS-8586, L57, Socket

2.03 KS-13225, L1, L2, and L3: The KS-13225-type electron tube sockets (Fig. 23) are miniature, molded, plastic or ceramic sockets, containing a metal mounting saddle, tube shield base, center shield, and seven contacts. The JE-10 wiring plug should be used to reduce the possibility of damage to contacts in shipment or overheating during soldering operations. They are used with the 1T4, 6AK5, 9001, and similar type tubes.

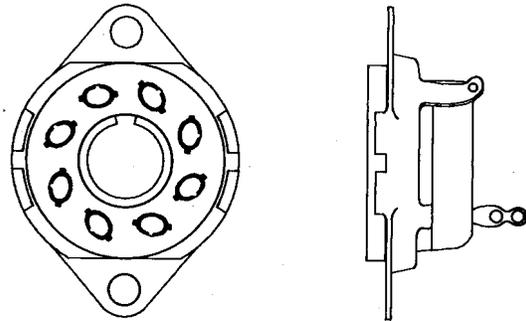


Fig. 24—KS-13364, L2 or L4, Socket

(b) **KS-13364, L3:** This socket (Fig. 25) consists of a molded mica-filled material body and provides clinch-type, self-locking nuts on the mounting saddle.

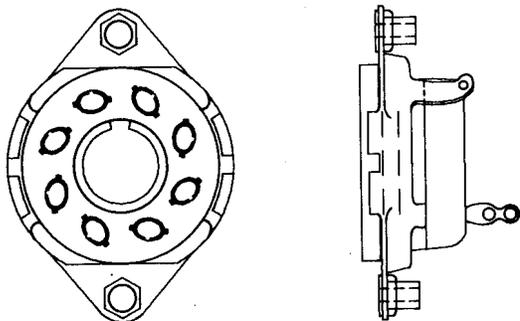


Fig. 25—KS-13364, L3, Socket

(c) **KS-13364, L4:** This socket (Fig. 24) consists of a molded mica-filled material body and is used where the mounting screws secure a stub mounting ring.

(d) **KS-13364, L5:** This socket (Fig. 26) consists of a molded mica-filled material body and has hexagonal mounting holes. This socket is used in the 680A transformer in the No. 4A Toll Crossbar Dial Telephone System.

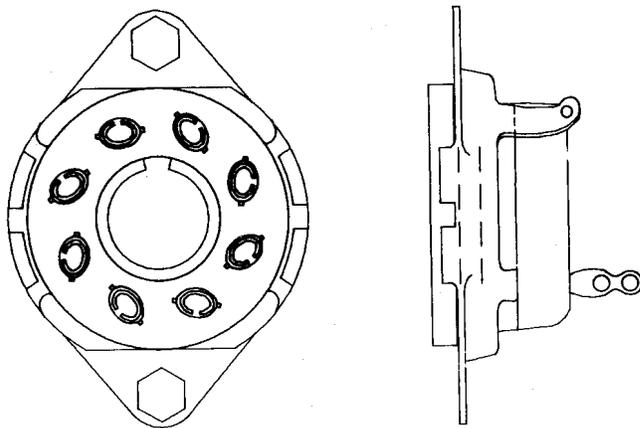
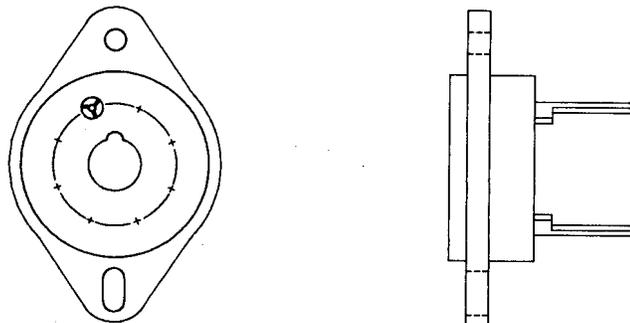


Fig. 26—KS-13364, L5, Socket

(e) **KS-13364, L8:** This socket (Fig. 27) has eight solderless wrap contacts and is used with the No. 5 Crossbar System.



(f) **KS-13364, L9:** This socket (Fig. 28) has 11 solderless wrap contacts and is used in the coin telephone.

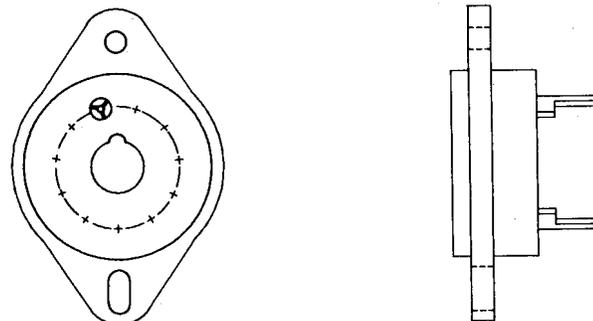
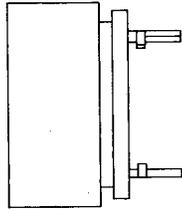
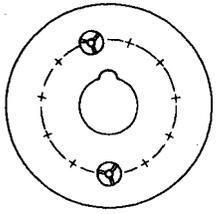


Fig. 28—KS-13364, L9, Socket

(g) **KS-13364, L10:** This socket (Fig. 29) has 11 solderless wrap contacts and is grooved to accommodate finger gripping and a hood. This socket is for general applications with cord assemblies.



2.05 KS-13680-Type: The KS-13680 electron tube sockets (Fig. 30) are molded, mica-filled, plastic shells containing a metallic center shield and free-floating, silver-plated, phosphor-bronze or beryllium-copper contacts. They have a metal tube shield base and mounting saddle arranged to mount the saddle on a chassis or plate.

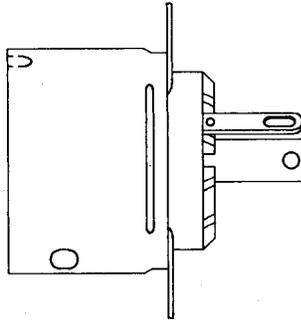
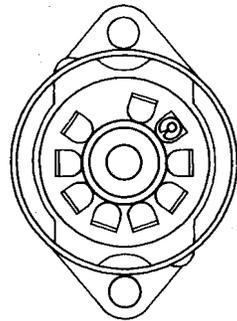


Fig. 30—KS-13680, L1, L2, L4 or L5, Socket

(a) **KS-13680, L1:** This socket is for general application and has contacts in all nine positions. The socket fits 6-1, 6-2, and 6-3 small button 9-pin E9-1 base-type electron tubes and uses a KS-13681, L1, L2, or L3, electron tube shield.

(b) **KS-13680, L2:** This socket has contacts in positions 1, 3, 4, 6, 8, and 9. The socket is used with the 1497 electron tube in coaxial amplifiers.

(c) **KS-13680, L4:** This socket has no contacts in position 2 and no metallic center shield. The socket is used with the 417A electron tube in the 74-mHz intermediate frequency preamplifier for the TH Radio System.

(d) **KS-13680, L5:** This socket has gold-plated contacts and is used with auxiliary amplifiers.