NONCODED SOCKETS—KS-14099 THROUGH KS-14638

DESCRIPTION

1. GENERAL

1.01 This section lists and illustrates noncoded sockets within the part or type number range of KS-14099 through KS-14638, used for the maintenance and operation of equipment in central offices.

1.02 The information provided in this section was previously shown in Section 032-303-101, Issue 2. In addition, the following sockets are added to this section:

- KS-14099, L1 through L7
- KS-14118
- KS-14134, L1 through L4
- KS-14314, L1
- KS-14315, L1 and L2
- KS-14585, L1, L2, and L3
- KS-14638, L1, L2, and L3.

2. DESCRIPTION OF SOCKETS

2.01 ***KS-14099-Type:*** The KS-14099-type sockets are polarized, multicontact, molded plastic housings containing silver-plated, phosphor-bronze, female terminals. For more information, see Table A.

TABLE A

KS-14099 LIST NO.	FIG. NO.	NO. OF CONTACTS	MATES WITH KS-14098 LIST NO.
1	1	12	1
2	2	12	2
3	1	10	3
4	2	10	4
5	3	10	5
6	4	10	3
7	4	6	6

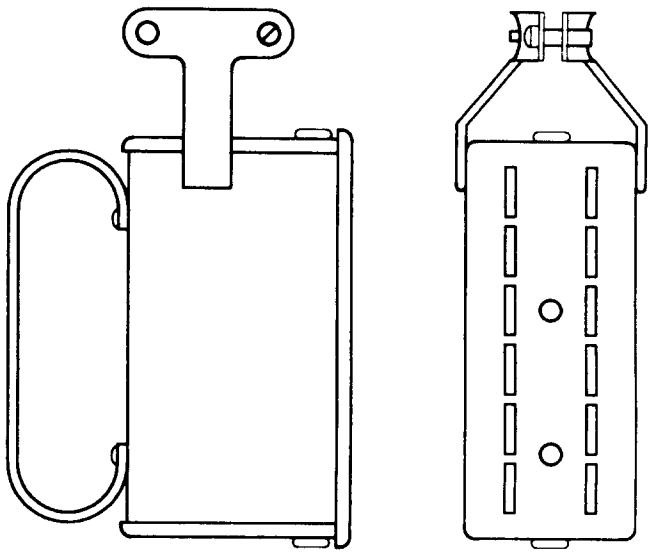

Fig. 1—KS-14099, L1 or L3, Socket

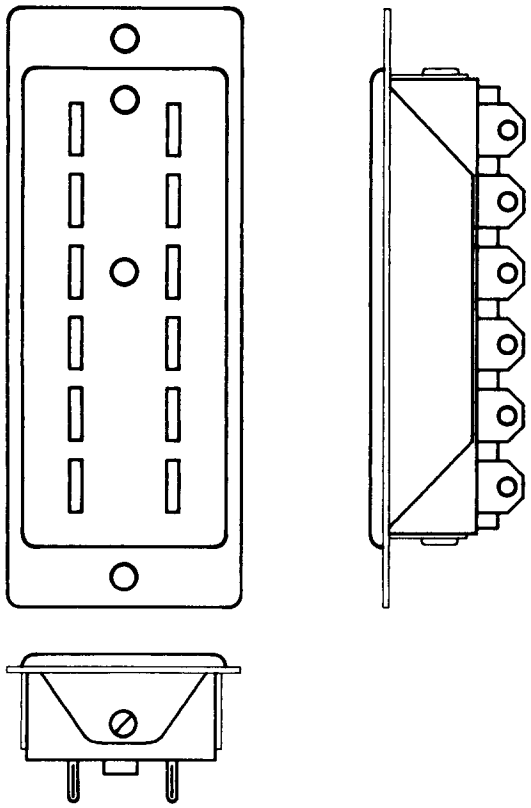

Fig. 2—KS-14099, L2 or L4, Socket

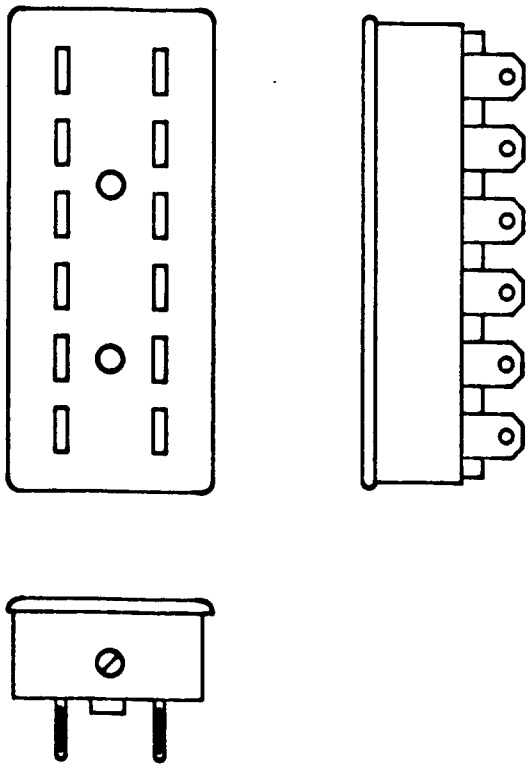

Fig. 3—KS-14099, L5, Socket

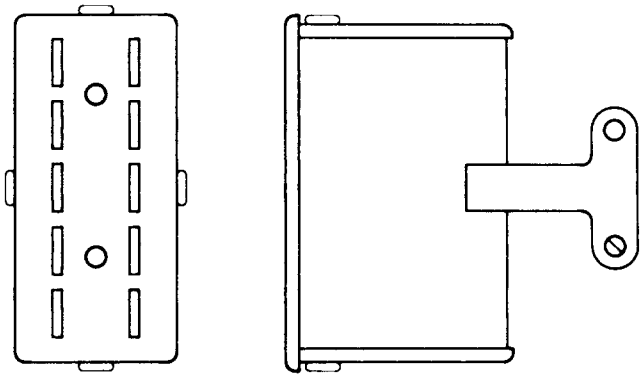

Fig. 4—KS-14099, L6 or L7, Socket

2.02 ***KS-14134-Type:*** The KS-14134-type are thrust-type wafer sockets that will accept the 416A electron tube. They contain three pins and one hole for the tubes internal connection.

(a) ***KS-14134, L1:*** The KS-14134, L1, socket (Fig. 5) uses phenol fiber as an insulating material.

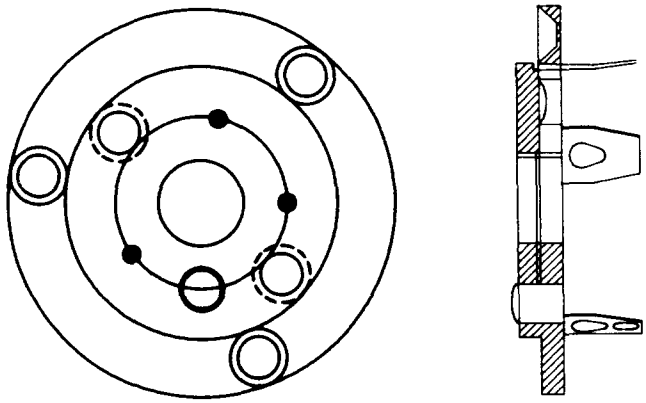

Fig. 5—KS-14134, L1 or L3, Socket

(b) ***KS-14134, L2:*** The KS-14134, L2, socket (Fig. 6) is mounted in a floating manner. The socket uses phenol fiber as insulating material.

(c) ***KS-14134, L3:*** The KS-14134, L3, socket (Fig. 5) uses glass silicon as an insulating material.

(d) ***KS-14134, L4:*** The KS-14134, L4, socket (Fig. 6) is mounted in a floating manner and uses glass silicon as insulating material.

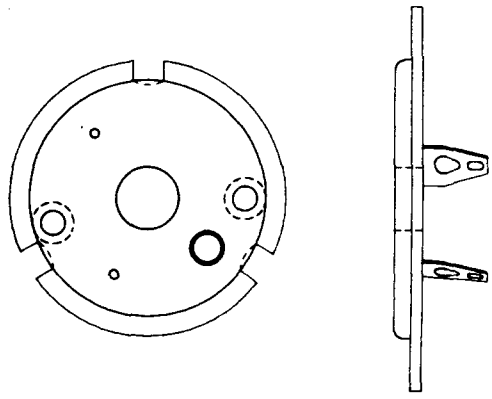

Fig. 6—KS-14134, L2 or L4, Socket

2.03 ***KS-14314, L1:*** The KS-14314, L1, socket (Fig. 7) consists of a molded plastic, mica-filled body containing seven silver-plated, beryllium-copper or phosphor-bronze contacts and a metal mounting saddle arranged to mount the socket on a plate or chassis up to 1/8-inch thick. The socket fits miniature electron tubes with an E-7-1 base. The socket is used in the J98703F channel unit of the N1 Carrier Telephone System.

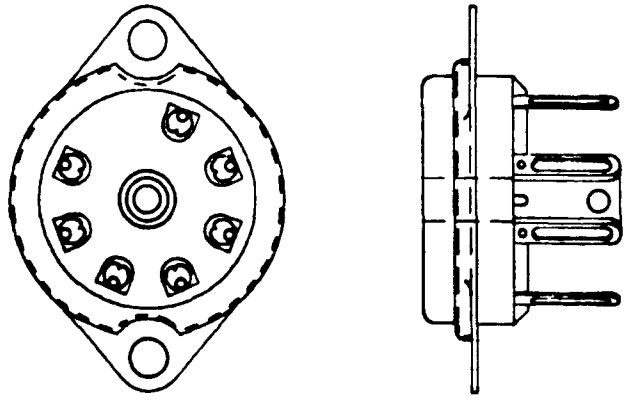

Fig. 7—KS-14314, L1, Socket

2.04 ***KS-14315, L1 and L2:*** The KS-14315, L1 and L2, electron tube sockets (Fig. 8) consist of a molded plastic, mica-filled body. These sockets contain silver-plated, beryllium-copper or phosphor-bronze contacts and a metal mounting saddle arranged to mount the socket on a plate or chassis up to 1/8-inch thick. These sockets fit miniature electron tubes with an E-9-1 base.

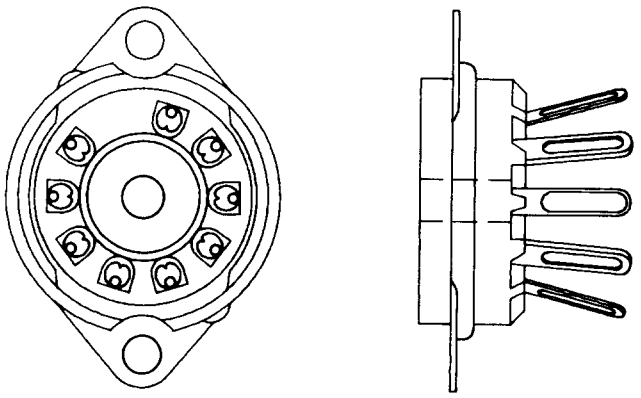

Fig. 8—KS-14315, L1 or L2, Socket

(a) ***KS-14315, L1:*** The KS-14315, L1, socket has contacts in all seven positions and is used in the N1 Carrier Telephone System.

(b) ***KS-14315, L2:*** The KS-14315, L2, socket has contacts only in the 1, 3, 4, 6, 8, and 9 positions and fits a 435A electron tube in the J68816A line amplifier of the L3 coaxial repeater.

2.05 ***KS-14453-Type:*** The KS-14453-type are multicontact, polarized female sockets, equipped with 50 gold-plated terminals. They are used in the 81D1 Teletypewriter Switching System. The KS-14453, L1, L2 (Fig. 9), and L3 (Fig. 10) sockets mate with the KS-14452, L1, L2, and L3, plugs respectively.

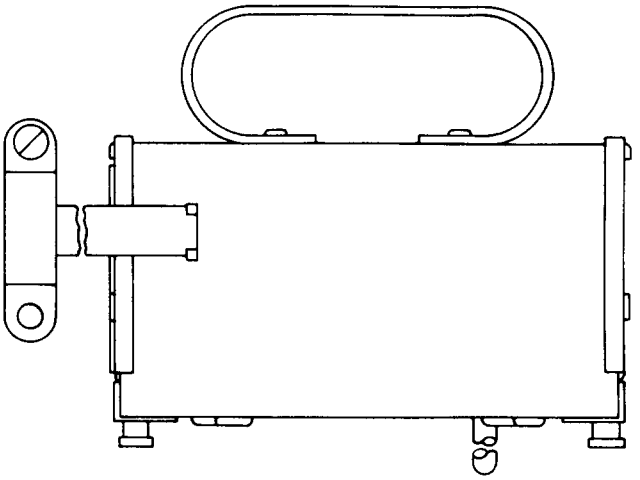

Fig. 9—KS-14453, L1 or L2, Socket

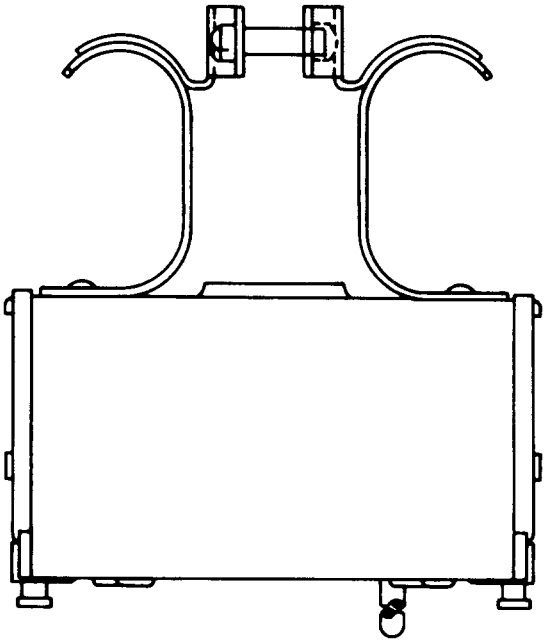

Fig. 10—KS-14453, L3, Socket

2.06 ***KS-14585-Type:*** The KS-14585-type electron tube sockets are miniature, one-piece molded plastic bodies, filled with mica containing silver-plated, phosphor-bronze or beryllium-copper contacts.

(a) ***KS-14585, L1:*** The KS-14585, L1, socket (Fig. 11) has contacts in positions 1, 3, 4, 6, 8, and 9. The socket is used with the 435A electron tube in the J68816A line amplifier for the L3 Carrier System.

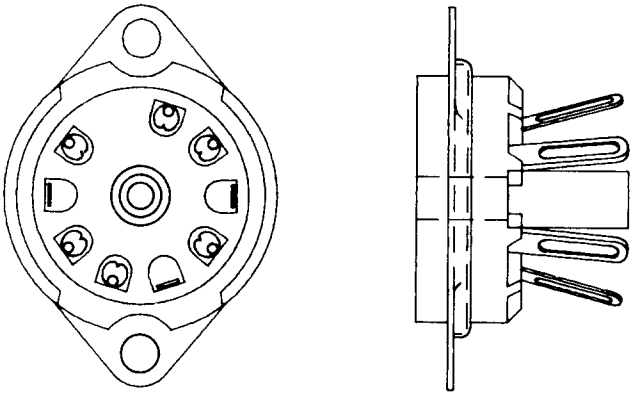

Fig. 11—KS-14585, L1 or L2, Socket

(b) ***KS-14585, L2:*** The KS-14585, L2, socket (Fig. 11) uses nine contact positions and fits the 470A electron tube in the J59023B secretarial line circuit unit.

(c) ***KS-14585, L3:*** The KS-14585, L3, socket (Fig. 12) uses all nine socket contact positions and has four ground lugs in the mounting saddle. The socket replaces the L2 socket in the E2 and E3 voice frequency repeaters.

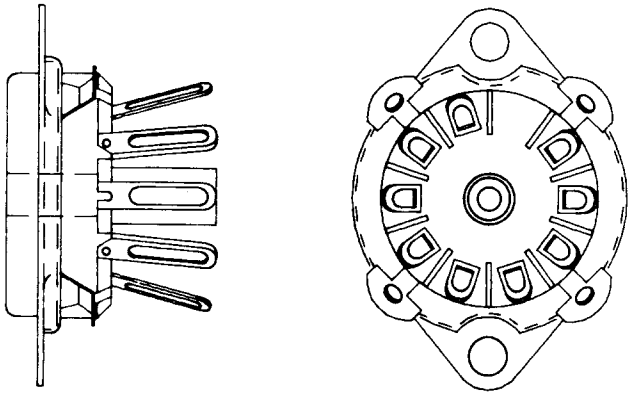

Fig. 12—KS-14585, L3, Socket

2.07 ***KS-14638-Type:*** The KS-14638-type (Fig. 13) are 9-pin oval, miniature electron tube sockets containing built-in capacitors. The body of the socket is held in a metal retainer that attaches the socket to the chassis with screws, rivets, or eyelets. Tubular ceramic capacitors of 1000 picofarads surround the socket and are directly connected to the metal retainer, which is the ground terminal. These sockets are for under-chassis mounting.

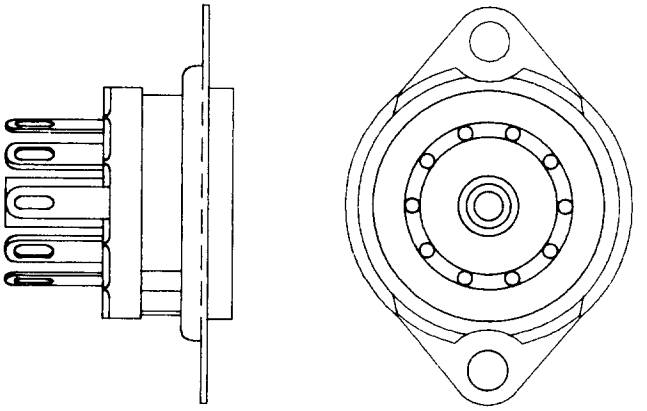

Fig. 13—KS-14638, L1, L2, or L3, Socket

(a) ***KS-14638, L1:*** The KS-14638, L1, socket has two capacitors and is used with terminal amplifier "A" in the L3 Carrier System.

(b) ***KS-14638, L2:*** The KS-14638, L2, socket has three capacitors and is used with terminal amplifier "A" in the L3 Carrier System.

(c) ***KS-14638, L3:*** The KS-14638, L3, socket has four capacitors and is used with terminal amplifier "B" in the L3 Carrier System.