## NONCODED CONNECTORS—KS-19771 THROUGH KS-20144 DESCRIPTION

## 1. GENERAL

- 1.01 This section lists and illustrates noncoded connectors within the part or type number range of KS-19771 through KS-20144, used for the maintenance and operation of equipment in central offices.
- 1.02 The information provided in this section was previously shown in Section 032-300-101, Issue5. The KS-19893, L1; KS-19894, L1; KS-19900, L1, L2, and L3; and KS-19929, L1 were added to this section.

## 2. DESCRIPTION OF CONNECTORS

2.01 KS-19771-Type: The KS-19771-type are subminiature, multicontact, female connectors that are equipped with gold-plated, socket-type, fixed contacts and arranged to accommodate removable KS-19820 contacts. The block is assembled in a polarized, metal shell which is provided with two holes in the flange for panel mounting. Cable termination is provided when the shell is associated with a hood. The wiring end of the fixed contact is arranged for solder connection. For more information, see Table A.

## NOTICE

Not for use or disclosure outside the Bell System except under written agreement

TABLE A

KS-19771 LIST NO.	FIG NO.	FIXED CONTACTS	REMOVABLE CONTACT POSITIONS	MATES WITH KS-19770 LIST NO.
1	1	5	4	1
2	2	10	3	$\frac{1}{2}$
3	1	15	$\overline{2}$	3
4	3	12	5	4
5	3	22	3	5
6	3	$\overline{17}$	7	6
7.	4	5	2	7
8	6	17	7	8
9	5	15	2	9
10	2	0	8	10
11	2	22	3	11
12	1	12	5	12
13	6	4	1	13
14	4	22	3	14
15	2	10	3	15
16	2	7	6	16
17	2	12	5	17
18	2	17	7	18
19	2	12	5	19
20	2	5	4	20
21	7	5	4	20
22	7	15	2	22
23	7	4	1	23
24	2	5	2	24
25	1	10	3	15
26	8	0	3	25
27	8	5	2	24
28	8	17	7	26
29	8	10	3	2
30	- 8	15	2	. 22
31	2	15	2	27
32	2	5	4	28
33	2	10	1	29
34	2	25	2	30
35	2	17	7	31
36	3	41	2	32
37	2	17	4	33
38	2	17	7	26
39	3	4	1 .	34

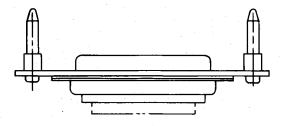


Fig. 1—KS-19771, L1, L3, L12, or L25 Connector

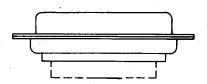


Fig. 2—KS-19771, L2, L10, L11, L15, L16, L17, L18, L19, L20, L24, L31, L32, L33, L34, L35, L37, or L38 Connector

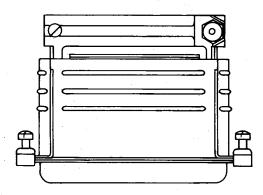


Fig. 3—KS-19771, L4, L5, L6, L36, or L39 Connector

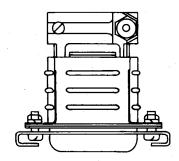


Fig. 4—KS-19771, L7 or L14 Connector

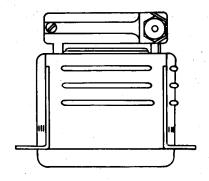


Fig. 5—KS-19771, L9 Connector



Fig. 6—KS-19771, L8 or L13 Connector

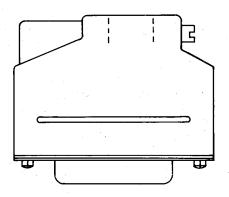


Fig. 7—KS-19771, L21, L22, or L23 Connector



Fig. 8—KS-19771, L26, L27, L28, L29, or L30 Connector

2.02 KS-19893, L1: The KS-19893, L1 (Fig. 9) is a miniature, 50-ohm, coaxial, screw-on, panel-mounted connector that is furnished with a lockwasher and hex nut for mounting. The KS-19893, L1, connector will mate with the KS-19759, L1 connector and is used in TD-3 radios.

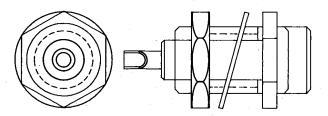


Fig. 9—KS-19893, L1 Connector

2.03 KS-19894, L1: The KS-19894, L1, connector (Fig. 10) is a miniature, 50-ohm, coaxial, slide-on, panel-mounted connector that is furnished with a lockwasher and hex nut for mounting. The KS-19894, L1 is used in TD-3 radios.

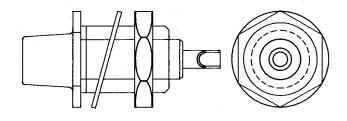


Fig. 10—KS-19894, L1 Connector

2.04 KS-19900, L1, L2, and L3: The KS-19900, L1, L2 (Fig. 11), and L3 (Fig. 12), are miniature, 75-ohm, coaxial, snap-on, panel-mounted connectors that are furnished with lockwashers and hex nuts for mounting. The KS-19900-type connectors will mate with the KS-19903, KS-19904, and KS-19905 plugs. The KS-19900-type are used in SF submarine cable.

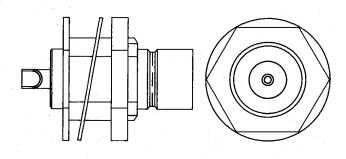


Fig. 11—KS-19900, L1 or L2 Connector

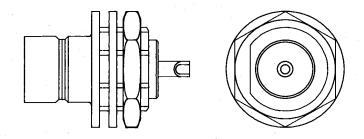


Fig. 12-KS-19900, L3 Connector

2.05 KS-19929, L1: The KS-19929, L1 (Fig. 13) is a miniature, 75-ohm, coaxial, snap-on, hermetically sealed, panel-mounted connector that is furnished with a lockwasher and hex nut for mounting. The KS-19929, L1 connector will mate with the KS-19903, KS-19904, and KS-19905 plugs. The KS-19929, L1 connector is used in SG submarine cable terminals.

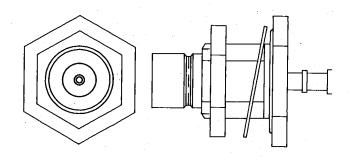


Fig. 13-KS-19929, L1 Connector

2.06 KS-20143, L1 Through L14: The KS-20143-type (Fig. 14) are polarized, multicontact, panel-mounted, male connectors that are equipped with gold-plated, pin contacts. The wiring end of the contact is arranged for solder connection. These connectors will mate with the KS-20144, L1 through L14, connectors, respectively. For more information, see Table B.

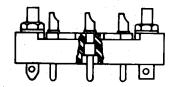


Fig. 14-KS-20143, L1 Through L14 Connector

TABLE B

KS-20143 LIST NO.	CONTACT POSITIONS	CONTACT ARRANGEMENT
1	7	2 Rows
2	10	3 Rows
3	15	2 Rows
4	18	4 Rows
5 .	6	3 Rows
6*	18	4 Rows
7*	14.	4 Rows
8	7	2 Rows
9	10	3 Rows
10	15	2 Rows
. 11	18	4 Rows
12	6	3 Rows
13	7	2 Rows
. 14	9	2 Rows

<sup>\*</sup> Fitted with mounting plate.

2.07 KS-20144, L1 Through L14: The KS-20144-type (Fig. 15) are polarized, multicontact, panel-mounted, female connectors that are equipped with gold-plated, socket contacts. The wiring end of the contact is arranged for solder connection. The L14 is equipped with a hood assembly.

The KS-20144, L1 through L14, connectors will mate with the KS-20143, L1 through L14, connectors, respectively. For more information, see Table C.

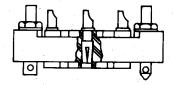


Fig. 15—KS-20144, L1 Through L14 Connector

TABLE C

KS-20144 LIST NO.	CONTACT POSITIONS	CONTACT ARRANGEMENT
1	7	2 Rows
· 2	10	3 Rows
3	15	2 Rows
4	18	4 Rows
5	6	3 Rows
6*	18	4 Rows
7*	14	4 Rows
8	7	2 Rows
9	10	3 Rows
10	15	2 Rows
11	18	4 Rows
12	6	3 Rows
13	7	2 Rows
14	9	2 Rows

<sup>\*</sup> Fitted with mounting plate.