

## NONCODED JACKS — KS-20452 THROUGH KS-21004

### DESCRIPTION

#### 1. GENERAL

1.01 This practice lists and illustrates noncoded jacks within the number range of KS-20452 through KS-21004. These jacks are used for the maintenance and operation of equipment in central offices.

1.02 The information provided in this practice was previously contained in Practice 032-301-101, Issue 4.

#### 2. DESCRIPTION OF NONCODED JACKS

2.01 **KS-20452, L1:** The KS-20452, L1, jack (Fig. 1) is a miniature, pin-type jack with a hard-gold finish. The jack is intended for use in the D2 digital channel bank.

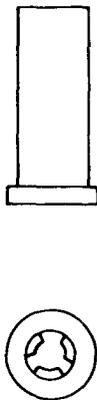


Fig. 1 — KS-20452, L1, Pin Jack

2.02 **KS-20500, L1 and L2:** The KS-20500, L1, and L2, jacks (Fig. 2) are pin-type jacks equipped with four tabs for connection and two mounting feet for mounting to a printed wiring board.

(a) **KS-20500, L1:** The KS-20500, L1, jack is gray-colored and is intended to be used for monitoring purposes only. The jack mates with the 354C plug.

(b) **KS-20500, L2:** The KS-20500, L2, jack is black-colored and is used on the MFT (metallic facility terminal).

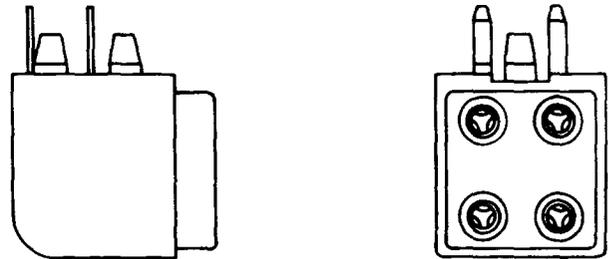


Fig. 2 — KS-20500, L1 or L2, Pin Jack

2.03 **KS-20667, L1 Through L16:** The KS-20667, L1 through L16, pin jacks (Fig. 3) accommodate 0.080 inch diameter pin plugs and contain solder tails. The jacks are intended for use in various units of the N2 Carrier System.

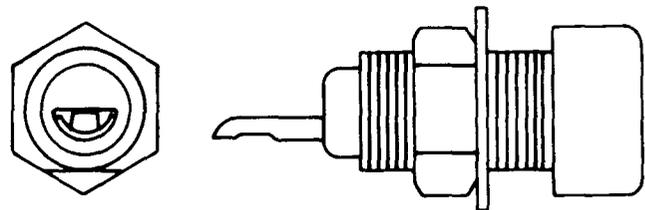


Fig. 3 — KS-20667-type Pin Jack

**2.04 KS-20667, L19 Through L34:** The KS-20667, L19 through L34, pin jacks (Fig. 4) accommodate 0.080 inch diameter pin plugs and contain a solderless wrap tail. The jacks are intended for use in various units of the N2 Carrier System.

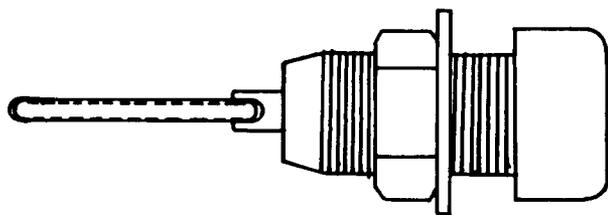


Fig. 4 — KS-20667-type Pin Jack

**2.05 KS-20667, L35 and L36:** The KS-20667, L35 and L36, pin jacks (Fig. 5) accommodate 0.080 inch diameter pin plugs and contain tin-plated contacts with solder tails. The jacks are intended for use in 71E, 76E, 74A, and 78A, power supplies.

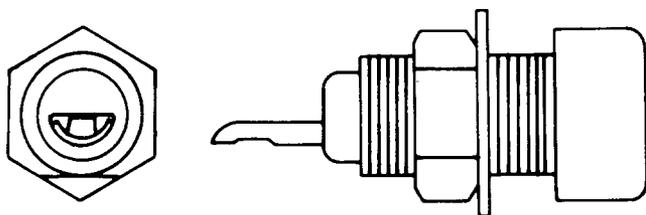


Fig. 5 — KS-20667, L35 or L36, Pin Jack

**2.06 KS-20691, L1 and L2:** The KS-20691, L1 and L2, jacks are miniature, twin, 2-conductor jacks in back-to-back construction. The jacks have a contact arrangement of one break contact in each spring pileup. The jacks are intended for use in VF line test positions in conjunction with the KS-20693 jack panels.

(a) **KS-20691, L1:** The KS-20691, L1, jack (Fig. 6) contact break springs are interconnected.

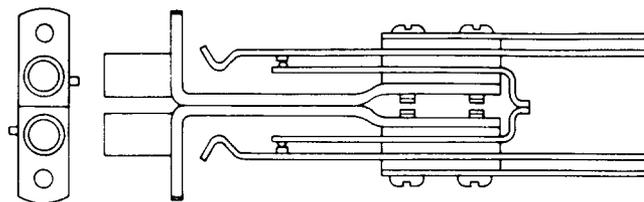


Fig. 6 — KS-20691, L1, Jack

(b) **KS-20691, L2:** The KS-20691, L2, jack (Fig. 7) contact break springs are not interconnected.

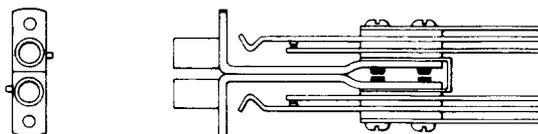


Fig. 7 — KS-20691, L2, Jack

**2.07 KS-21000, L1:** The KS-21000, L1, jack (Fig. 8) is a miniature, triple-type, 3-conductor jack consisting of a single- and twin-jack combination. The single jack provides only tip and ring spring whereas each pileup of the twin jack has a break contact on the tip spring and the ring spring. The jack is intended for use in conjunction with the KS-21156 jack module in the Digital Data System.

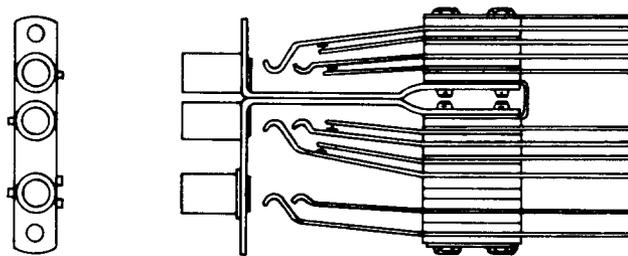


Fig. 8 — KS-21000, L1, Jack

**2.08 KS-21001, L1 Through L4:** The KS-21001, L1 through L4 jacks are miniature, single-type, 3-conductor jacks arranged for use with the

KS-20999 plugs. The jacks are intended for use in Digital Data Systems.

- (a) **KS-21001, L1:** The KS-21001, L1, jack (Fig. 9) contains a tip spring and a ring spring with wire-wrap terminals.

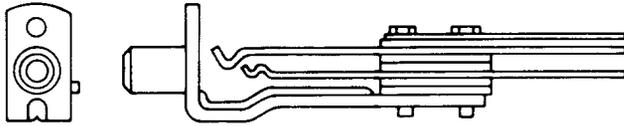


Fig. 9 — KS-21001, L1, or L3, Jack

- (b) **KS-21001, L2:** The KS-21001, L2, jack (Fig. 10) contains a tip spring and a ring spring plus a break-contact for each spring with wire-wrap terminals.



Fig. 10 — KS-21001, L2, Jack

- (c) **KS-21001, L3:** The KS-21001, L3, jack (Fig. 9) contains a tip spring and a ring spring with solder terminals.
- (d) **KS-21001, L4:** The KS-21001, L4, jack (Fig. 11) contains a tip spring, a ring spring, a break-contact for each spring, and two isolated make contacts actuated by the ring spring, each with wire-wrap terminals.

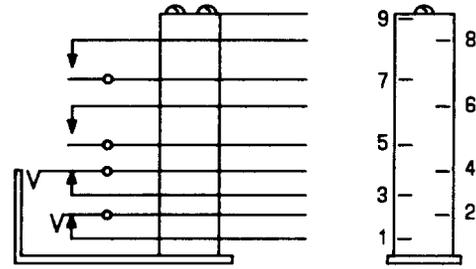


Fig. 11 — KS-21001, L4, Jack

- 2.09 **KS-21003, L1 and L2:** The KS-21003, L1 and L2, jacks (Fig. 12) are short length panel mounted jacks for mounting in a 9/32 inch diameter hole. The jacks are intended for use with the KS-20999 plug in testing Digital Data Systems.

- (a) **KS-21003, L1:** The KS-21003, L1, jack is equipped with a tip spring and ring spring.
- (b) **KS-21003, L2:** The KS-21003, L2, jack is equipped with a tip spring, a ring spring, and a break contact on both the tip and ring springs.

- 2.10 **KS-21004, L1 and L4:** The KS-21004, L1 and L4, jacks (Fig. 13) are miniature, 3-conductor jacks 1.375 inches long for panels up to 0.156 inch thick. The jacks are equipped with a tip spring and a ring spring. The jacks are intended for use in Digital Data Systems.

- 2.11 **KS-21004, L2 and L5:** The KS-21004, L2 and L5, jacks (Fig. 14) are miniature, 3-conductor jacks 1.375 inches long for panels up to 0.156 inch thick. The jacks are equipped with a tip spring, a ring spring, and a break contact on both the tip spring and ring springs. The jacks are intended for use in Digital Data Systems.

- 2.12 **KS-21004, L3:** The KS-21004, L3, jack (Fig. 15) is a miniature, 3-conductor jack 1.472 inches long for panels up to 0.25 inch thick. The jack is equipped with a tip spring, a ring spring, and a break contact on both the tip spring and ring spring. The jack is intended to be used in the N4 Carrier System.

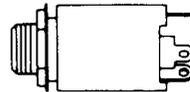
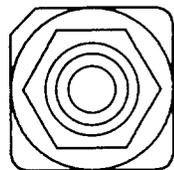


Fig. 13 — KS-21004, L1 or L4, Jack

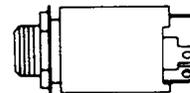
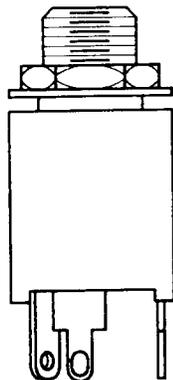


Fig. 14 — KS-21004, L2 or L5, Jack

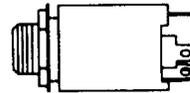
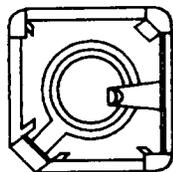


Fig. 15 — KS-21004, L3, Jack

Fig. 12 — KS-21003, L1 or L2, Jack