

INSULATORS DESCRIPTION TOOLS

1. GENERAL

1.01 This section describes Bell System coded and noncoded insulator tools.

1.02 Revision arrows are used to emphasize significant changes. The reasons for reissue are listed below.

- (a) To rate the 267B Mfr Disc.
- (b) To update the practice to standard format.

1.03 For tools with similar functions, see Holders I, Section 074-223-125; Holders II, Section 074-223-126; Lifter, Spring, Section 074-235-115; Separators, Section 074-256-128; Spacers, Section 074-257-107; and Spreaders, Section 074-257-114.

2. DESCRIPTION OF TOOLS

2.01 **267B:** The 267B contact spring insulator is rated Mfr Disc. with no replacement.

2.02 **338:** The 338 spring insulator tool (Fig. 1) is a strip of insulating material used to open the springs on line switchboards in step-by-step dial equipment for cutover purposes.

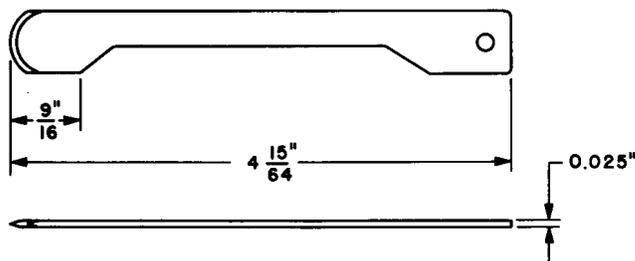


Fig. 1—338 Spring Insulator Tool

2.03 **656A:** The 656A spring insulator tool (Fig. 2) consists of a strip of insulating material. The 656A spring insulator tool is used on AF, AG, and 12-position AJ-type relays to insulate the contact springs during the removal of the card.

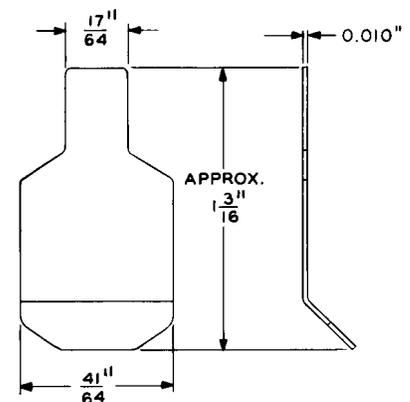


Fig. 2—656A Spring Insulator Tool

2.04 **684A:** The 684A spring insulator tool (Fig. 3) consists of a strip of insulating material. The 684A spring insulator tool is used for insulating moveable contact springs when replacing cards on AK-type relays.

NOTICE

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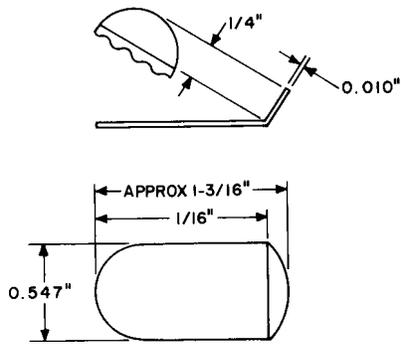


Fig. 3—684A Spring Insulator Tool

2.05 733A: The 733A insulator tool (Fig. 4) consists of a cylindrical magnet mounted on a formed sheet insulator. The 733A insulator tool is used to insulate levels one through nine of the 9A commutator in the No. 1 Crossbar System and 350A and 355A Community Dial System central offices during test procedures.

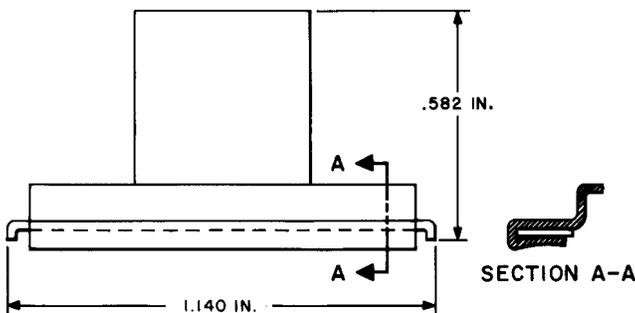
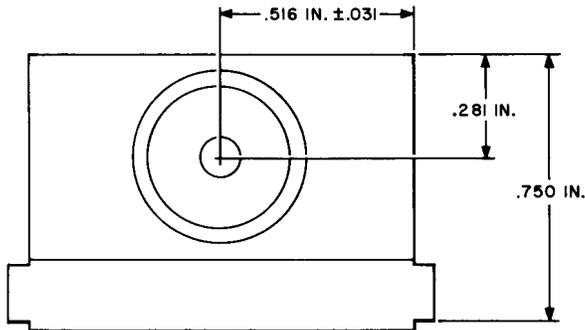


Fig. 4—733A Insulator Tool

2.06 750A: The 750A contact insulator tool (Fig. 5) consists of a strip of insulating material having a finger grip at one end. The 750A contact insulator tool is used to insulate the contacts during the removal of the card from BF-, BJ-, and BL-type relays.

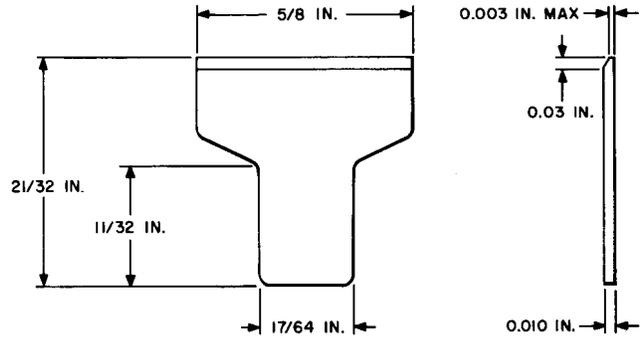


Fig. 5—750A Contact Insulator Tool

2.07 KS-16604, L1, L2, and L3: The KS-16604-type terminal insulator tools (Fig. 6) are designed to electrically insulate, protect, and designate special service circuits on wire wrapped terminals. The KS-16604-type tools are slotted to allow clearance for a bridged termination.

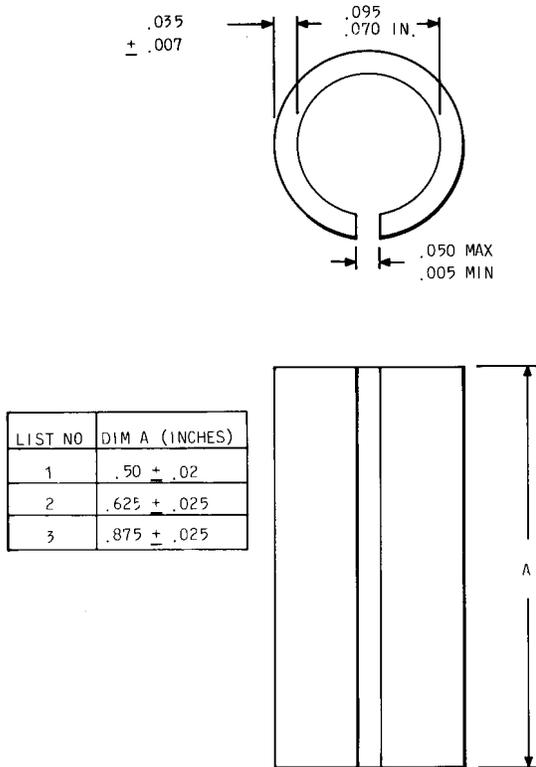


Fig. 6—KS-16604-Type, Terminal Insulator Tools

2.08 KS-20187, L1: The KS-20187, L1, terminal insulator tool (Fig. 7) is a small, molded plastic, open box designed to fit over the terminals of the ferrod sensors in the No. 1 Electronic Switching System (ESS). The KS-20187, L1, terminal insulator tool is used to prevent the solderless-wrapped connection wires from shorting to adjacent terminals or to ground while the connections are being changed.

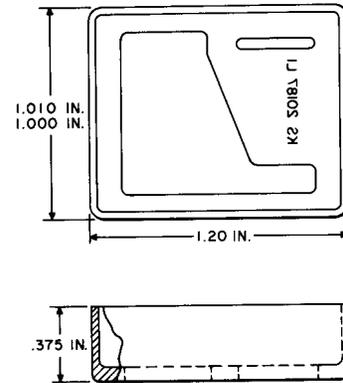


Fig. 7—KS-20187, L1, Terminal Insulator Tool

2.09 KS-21168, L1: The KS-21168, L1, terminal insulator tool (Fig. 8) is used to insulate, protect, and designate special service pairs on a 303 connector cross-connect field. The KS-21168, L1, terminal insulator tool can be expanded or compressed to snugly fit irregular terminal lugs. Longitudinal slots are provided to allow clearance for bridged pairs.

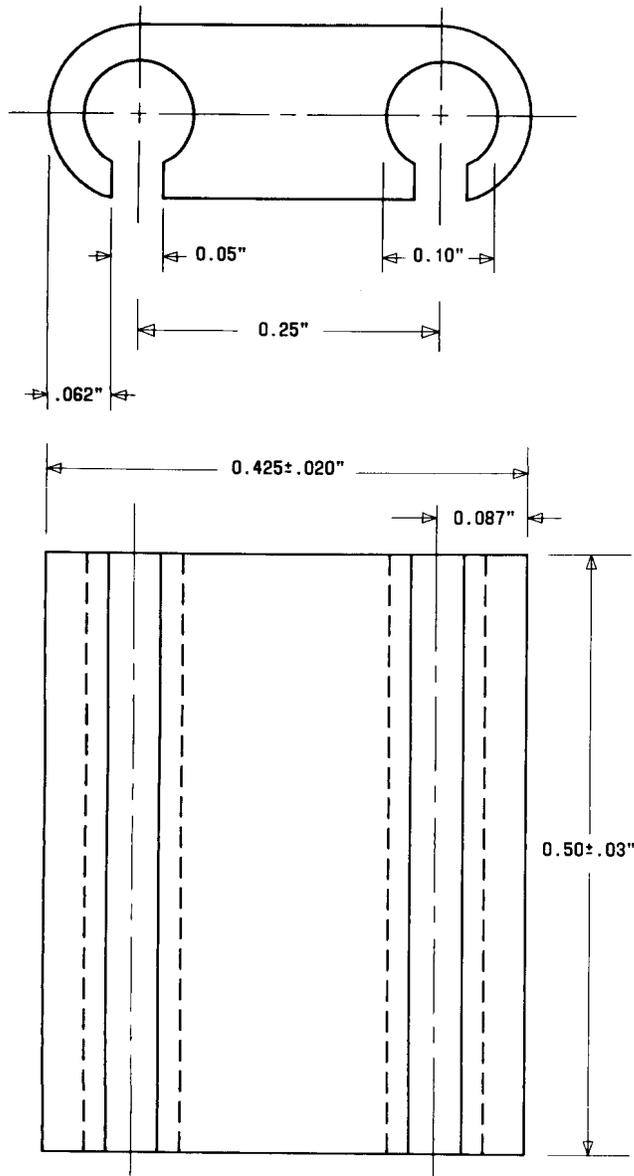


Fig. 8—KS-21168, L1, Terminal Insulator Tool