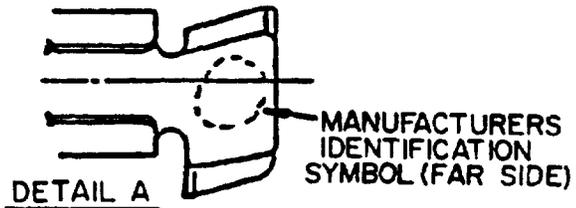


Material: Medium alloy steel bonded titanium carbide, rockwell-67-69

Configuration A - Test gauge



Manufacturers identifier symbol shall be imprinted approximately as shown.

NOTES

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Unless otherwise specified, tolerance is ± 0.005 (0.13 mm). All dimensions are for parts after plating.
4. Trim area not to exceed width of contact across retaining lance area "X".
5. Contact crimp for use with (AWG) wire range No. 22 to No. 30 standard type E per MIL-W-16878.
6. Remove all burrs and sharp edges .001 (0.03 mm) maximum.
7. Crimp tool MIL-C-22520/17-02.
8. Contact insertion and removal tool MIL-I-81969/5-01 and MIL-I-81969/4-02.
9. Patent Notice. Patent No. 3,248,686 owned by Elco Corporation. The government has a royalty-free license under the above patent for the benefit of manufacturers of the items called for in this specification, either for the government or for use in equipment to be delivered to the government.
10. Contact relief hole configuration, optional.

FIGURE 1. Contact, fork type, crimp removable - Continued.

REQUIREMENTS:

Dimensions and configuration. See figure 1.

Contact separating force (see configuration A):

Polished steel gauge from unplated contacts: 1 ounce, minimum.
Plated gold over nickel contacts (contact to contact): 2 to 10 ounces.

Current rating: 5 amperes, 22 AWG wire.

Contact mating area. Contacts may be supplied with either overall plating or localized finish. For localized finish contacts the contact mating area shall be in accordance with detail B and MIL-C-28731.

Part Number:

M28731/35-0001 - supplied loose for hand crimping installation.
M28731/35-0002 - supplied on a reel for automatic crimping machine installation.

Identification of contact. Contacts shall be permanently imprinted with manufacturer's symbol for purpose of identifying manufacturer's product (see detail A).

Custodians:

Army - CR
Navy - EC
Air Force - 85

Preparing activity:
Navy - EC

(Project 5935-3488-27)

Review activities:

Army - AR, AT, MI
Navy - AS
Air Force - 11, 17, 99
DLA - ES

User activities:

Army - AL, AV, ME
Navy - MC, OS
Air Force - 19

Agent:

DLA - ES