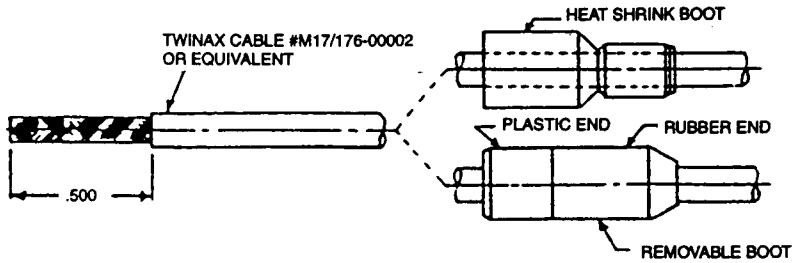
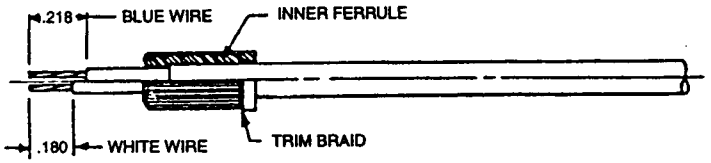
# ASSEMBLY INSTRUCTIONS FOR
# T3-46T08-LD PIN & T3-47T08-LD SOCKET TWINAX CONTACTS

FIG.1



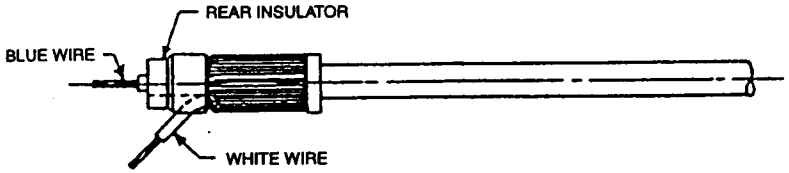

1. SLIDE HEAT SHRINK BOOT (SUPPLIED WITH CONTACT) OR REMOVABLE BOOT (SUPPLIED WITH CONNECTOR) ONTO CABLE AS SHOWN. DISCARD HEAT SHRINK BOOT WHEN USING REMOVABLE BOOT.
2. STRIP OUTER JACKET TO DIMENSION SHOWN (.500). MAKE CUT SQUARE AND SHARP, BEING CAREFUL NOT TO NICK BRAID.

FIG.2




1. SLIDE INNER FERRULE OVER BRAID UNTIL OUTER JACKET TOUCHES INNER SHOULDER OF FERRULE.
2. COMB OUT BRAID AND FOLD BRAID BACK OVER INNER FERRULE. TRIM EXCESS BRAID EVEN WITH SHOULDER.
3. STRIP INNER WIRES AS SHOWN (.218 BLUE WIRE & .180 WHITE WIRE). MAKE CUTS SQUARE AND SHARP, BEING CAREFUL NOT TO NICK CONDUCTORS.

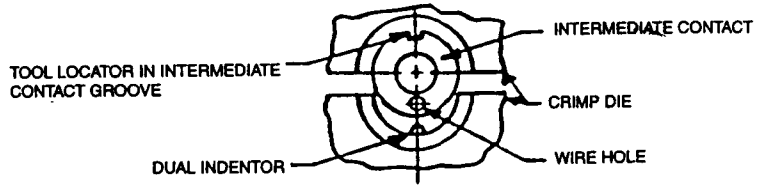
FIG.3




1. BEND WHITE WIRE OUTWARD AND INSTALL BLUE WIRE THRU CENTER HOLE OF REAR INSULATOR.

**TABLE I**

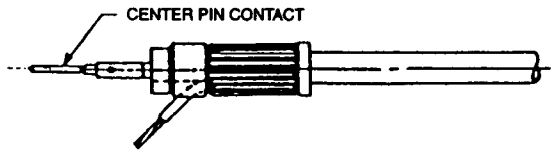
| | CENTER CONTACT TOOLING | | INTERMEDIATE CONTACT TOOLING | | OUTER CRIMP SLEEVE TOOLING | |
|---|---|---|---|---|---|---|
| | Basic Crimping Tool | Contact Positioner | Basic Crimping Tool | Die Part Number | Basic Crimping Tool | Die Part Number |
| Military Part No. | M22520/2-01 | None | M22520/5-01 | None | M22520/5-01 | None |
| Daniels Part No. | | K709 | | Y631 | | Y631 |




(Pyle-National) Form No. PN-430 3/94

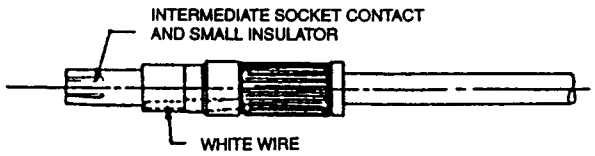
**AMPHENOL CORPORATION**
**Amphenol Aerospace**
**607-563-5011**
40-60 Delaware Avenue
Sidney, New York 13838-1395

FIG 4A



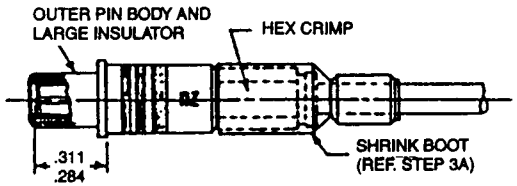

1. SLIDE CENTER PIN CONTACT OVER CONDUCTOR OF BLUE WIRE. CONDUCTOR MUST BE VISIBLE THROUGH THE WIRE INSPECTION HOLE. CONTACT MUST BUTT REAR INSULATOR AND REAR INSULATOR MUST BUTT INNER FERRULE.
2. CRIMP CENTER PIN CONTACT TO BLUE WIRE USING CRIMP TOOL AND CONTACT POSITIONER AS SHOWN IN TABLE I.

FIG 5A




1. SLIDE INTERMEDIATE SOCKET CONTACT AND SMALL INSULATOR SUB-ASSEMBLY OVER CENTER PIN CONTACT.
2. INSERT WHITE WIRE INTO HOLE ON REAR SURFACE OF INTERMEDIATE CONTACT. CONDUCTOR MUST BE VISIBLE THROUGH THE WIRE INSPECTION HOLE. INTERMEDIATE CONTACT MUST BUTT THE REAR INSULATOR.
3. CRIMP THE INTERMEDIATE CONTACT TO THE WHITE WIRE USING CRIMP TOOL AND CRIMP DIE AS SHOWN IN TABLE I.

FIG 6A

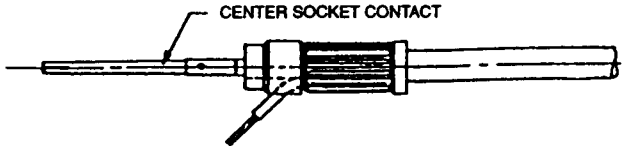



1. SLIDE OUTER PIN BODY AND LARGE INSULATOR SUB-ASSEMBLY OVER INTERMEDIATE SOCKET CONTACT UNTIL FULLY BOTTOMED.
2. WITH ASSEMBLY FULLY BOTTOMED, HEX CRIMP REAR PORTION OF OUTER BODY WITH CRIMPING TOOL AND CRIMP DIE AS SHOWN IN TABLE I. AFTER CRIMPING, CENTER PIN CONTACT MUST BE LOCATED WITHIN DIMENSIONS SHOWN.

3A. SLIDE HEAT SHRINK BOOT OVER CRIMPED PORTION OF CONTACT AND APPLY HEAT TO SHRINK BOOT ONTO CONTACT AND CABLE.

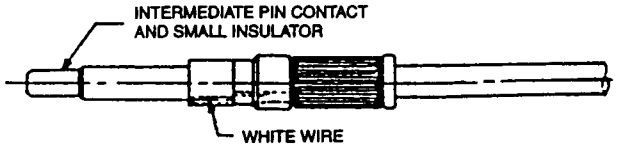
3B. AFTER INSERTION OF TWINAX CONTACT INTO CONNECTOR, SLIDE THE REMOVABLE BOOT OVER THE CONTACT AND INTO THE CONTACT CAVITY UNTIL FIRMLY SEATED.

FIG 4B



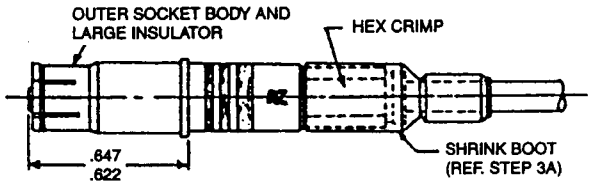

1. SLIDE CENTER SOCKET CONTACT OVER CONDUCTOR OF BLUE WIRE. CONDUCTOR MUST BE VISIBLE THROUGH THE WIRE INSPECTION HOLE. CONTACT MUST BUTT REAR INSULATOR AND REAR INSULATOR MUST BUTT INNER FERRULE.
2. CRIMP CENTER SOCKET CONTACT TO BLUE WIRE USING CRIMP TOOL AND CONTACT POSITIONER AS SHOWN IN TABLE I.

FIG 5B




1. SLIDE INTERMEDIATE PIN CONTACT AND SMALL INSULATOR SUB-ASSEMBLY OVER CENTER SOCKET CONTACT.
2. INSERT WHITE WIRE INTO HOLE ON REAR SURFACE OF INTERMEDIATE CONTACT. CONDUCTOR MUST BE VISIBLE THROUGH THE WIRE INSPECTION HOLE. INTERMEDIATE CONTACT MUST BUTT THE REAR INSULATOR.
3. CRIMP THE INTERMEDIATE CONTACT TO THE WHITE WIRE USING CRIMP TOOL AND CRIMP DIE AS SHOWN IN TABLE I.

FIG 6B




1. SLIDE OUTER SOCKET BODY AND LARGE INSULATOR SUB-ASSEMBLY OVER INTERMEDIATE PIN CONTACT UNTIL FULLY BOTTOMED.
2. WITH ASSEMBLY FULLY BOTTOMED, HEX CRIMP REAR PORTION OF OUTER BODY WITH CRIMPING TOOL AND CRIMP DIE AS SHOWN IN TABLE I. AFTER CRIMPING, INTERMEDIATE PIN CONTACT MUST BE LOCATED WITHIN DIMENSIONS SHOWN.

3A. SLIDE HEAT SHRINK BOOT OVER CRIMPED PORTION OF CONTACT AND APPLY HEAT TO SHRINK BOOT ONTO CONTACT AND CABLE.

3B. AFTER INSERTION OF TWINAX CONTACT INTO CONNECTOR, SLIDE THE REMOVABLE BOOT OVER THE CONTACT AND INTO THE CONTACT CAVITY UNTIL FIRMLY SEATED.

Стандарт Электрон Связь

Мы молодая и активно развивающаяся компания в области поставок электронных компонентов. Мы поставляем электронные компоненты отечественного и импортного производства напрямую от производителей и с крупнейших складов мира.

Благодаря сотрудничеству с мировыми поставщиками мы осуществляем комплексные и плановые поставки широчайшего спектра электронных компонентов.

Собственная эффективная логистика и склад в обеспечивает надежную поставку продукции в точно указанные сроки по всей России.

Мы осуществляем техническую поддержку нашим клиентам и предпродажную проверку качества продукции. На все поставляемые продукты мы предоставляем гарантию .

Осуществляем поставки продукции под контролем ВП МО РФ на предприятия военно-промышленного комплекса России , а также работаем в рамках 275 ФЗ с открытием отдельных счетов в уполномоченном банке. Система менеджмента качества компании соответствует требованиям ГОСТ ISO 9001.

Минимальные сроки поставки, гибкие цены, неограниченный ассортимент и индивидуальный подход к клиентам являются основой для выстраивания долгосрочного и эффективного сотрудничества с предприятиями радиоэлектронной промышленности, предприятиями ВПК и научно-исследовательскими институтами России.

С нами вы становитесь еще успешнее!

**Наши контакты:**

**Телефон:** +7 812 627 14 35

**Электронная почта:** sales@st-electron.ru

**Адрес:** 198099, Санкт-Петербург,
Промышленная ул, дом № 19, литера Н,
помещение 100-Н Офис 331