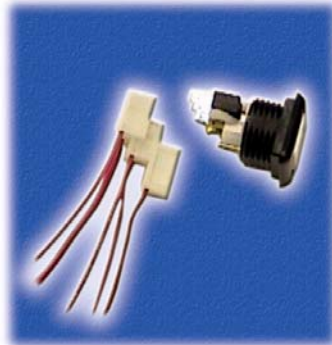


ITW Pancon is pleased to introduce our .110 Tab Crimp Style SWITCH-CON contacts and housings. The .110 Tab SWITCH-CON provides a fast and reliable alternative to conventional quick disconnects. The convenient right angle crimp contacts may be used stand-alone or with custom housings for Customer specific applications. When paired with a custom housing, the .110 Tab SWITCH-CON provides a connection that is easy to assemble and easy to install saving assembly and testing costs.



APPLICATIONS

.110 Tab SWITCH-CON contacts are convenient, fast, and highly reliable, offering a better alternative than conventional Quick Disconnects. The contacts may be used with industry standard .110 tabs in a variety of applications such as: switches, lamps, coils, relays, timers, motors, solenoids etc. When inserted into a custom housing, the contacts offer more reliable connections doing away with the problem of installing the wrong wire on a tab. The top photo shows a typical Customer specific application of 6 contacts mating with a lighted pushbutton switch with ground. **Contact the factory for custom housing requirements, or tab configurations.**

FEATURES

- Contacts (CRSW22SD) may be used on .110 Tabs in a variety of applications.
- Custom housings can be built to group the contacts for ease of assembly. Contact the factory for quotations.
- The contacts are supplied on 24 inch reels for use with the automatic applicator (CACSF-22).
- Loose piece contacts are available for field repair applications using the HTCR-110-22 hand tool.
- Available tooling includes an applicator (CACSF-22) which is a mini-die format for use in industry standard presses which allow up to 2 wires to be terminated at a time, a hand tool (HTCR-110-22) for field repair, and an extraction tool (ECTR-110) for removing the contacts from housings.
- Contacts are easy to terminate, install, and assemble using standard equipment saving money on testing costs and assembly costs.

CONTACT ORDERING INFORMATION

.110 Tab Crimp Contact **CRSW** **22** **SD** • Contacts on Reels of 4,500 Pieces.
 • For Loose Piece Contact Factory.

Wire Gauge: 22 AWG

Consult Heilind Electronics for additional wire gauge availability.

HOUSING ORDERING INFORMATION

- Custom Housings May be Built to Customer Specifications
- Contact Heilind Electronics to Discuss Specific Needs.

Patent Pending

SWITCH-CON[®]

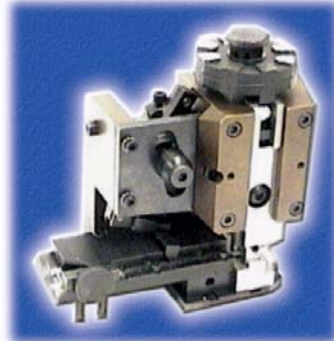
.110 Tab Crimp Style

TW Pancon[®]
Product Bulletin

APPLICATOR TOOL

Part Number: **CACSF-22**

- Feeds contact from left to right.
- Mini-die format for use in industry standard presses.
- Specify 30mm or 40mm stroke.
- Specify manual or automatic feed.



HAND CRIMPING TOOL

Part Number: **HTCR-110-22**

- For use in field repair.



CONTACT EXTRACTION TOOL

Part Number: **ECTR-110**

- Extraction tool allows removal of contacts from custom housings.



MATERIALS

Custom Housings

Nylon 6/6 Natural

Flammability

UL 94 V-2

Contact

High Tensile Brass

Plating

100μ" Tin over 50μ" Nickel

ELECTRICAL

Current Rating

22 AWG = 6 Amps

Dielectric Withstanding Voltage

3.8 KVAC minimum

Insulation Resistance

5,000 Megaohms minimum

TEMPERATURE

Range

-67 °F to 185 °F (-55 °C to 85 °C)

MECHANICAL

Recommended Wire

1 or 2 wires
22 AWG Stranded
Max. O.D. of .062"

Mating Force

With .020 Thick Tabs
(.5 – 1.8 LB/Circuit)

Unmating Force

With .020 Thick Tabs
(.2 – 1.8 LB/Circuit)

Wire Retention in Contact

8 LB/Wire

Contact Retention

5 LB/Circuit

AGENCY RECOGNITION

Underwriters Laboratories

UL Recognized File No. E73711



Consult Heilind Electronics for other tooling options and technical assistance.