NICOMATIC is now enriching the CRIMPFLEX® connector range to provide even more space and cost-savings solutions thanks to the 1.27 mm pitch. Our specifically designed Crimping Press allows you to crimp up to 50 contacts in a single operation in order to increase your productivity and eliminate any risk of pitch drift during the crimping process.

The contact crimping is achieved by piercing the conductor in 6 points, in order to ensure both outstanding mechanical retention by 2 points and electrical continuity by 4 points.

CRIMPFLEX® system patented by NICOMATIC

FEMALE CONTACT P/N 16068

- 16068-12 tin plated
- 16068-32 selective gold

MALE SOLDER TAB P/N 16069

- 16069-12 tin plated

PACKAGED IN REEL
BY 33 000

- for 0.38mm (.0015") to 0.45mm (.0018") pin header
- Ni 2µ + Sn 5µ and optional selective Au plating 0.15µ on mating area

- recommended for flexible supports requiring male solder tabs
- Ni 2µ + Sn 5µ

ADVANTAGES

- First press to crimp from 2 reels at a time in a 1.27mm pitch and high productivity rate (up to 6 cycles per minute)!
- Crimps from 2 to 50 contacts in one stroke!
- Answers market miniaturization trends (higher contacts density)
- Compatible connection with 1.27mm headers
- Contact mechanical retention outperforms ZIF type connectors

FEATURES

GENERAL DATA
The contacts are moved forward from stop to stop by hand via the side loader. The graduated positions correspond to the number of contacts to crimp (2 to 50 points)
The crimping is operated manually via the upper lever. Two reels are fixed onto the reel support.

TOOLING
This machine is available in 1 version and provides the possibility to crimp male solder tabs, or female contacts.

ORDERING INFORMATION
16068-MO
For contacts: 16068 and 16069

FPC (Flex Printed Circuit)
How to crimp in only 5 steps?

1. Install 2 reels on the support, and select the number of contacts to be crimped

2. Unroll the cable and retrieve the paper protection

3. Position the 2 strips of contacts on top of each other (1<sup>st</sup> reel in front of you on top of the rear one)

4. Place the 2 parallel strips onto the pins and stop the reel of contacts with the 1<sup>st</sup> bolt action on the right side. Then crimp as indicated on 5<sup>th</sup> step until the stop

5. Test crimping with the positioning system
   - Place the cable to the right side until stop
   - Use the needle and LED light
   - Lock the contacts by using the lever
   - Crimp

Available on www.youtube.com

www.nicomatic.com