

## Datasheet

# Ratchet crimp tool for closed end conn

RS Stock number [253-4583](#)



### Tool Maintenance

Maintenance and inspection should be performed regularly.

Tool should be wiped clean with special emphasis on the crimping cavities.

Tool may be cleaned by immersing in a suitable commercial solvent or cleaner which does not attack plastic material or paints.

Tool should be relubricated after cleaning using a light film of medium weight oil on bearing surfaces and pivot pins.

When not in use keep handles closed. Store in a clean dry area.

### Eccentric Adjustment

To adjust tool to obtain proper force values, open the handles and remove the cam jack screw with a Phillips screwdriver.

Rotate the cam clockwise to increase handle load or counterclockwise to decrease handle load.

Position odd numbers on the cam in the locking screw hole adjacent to the letter "L" and even numbers adjacent to the letter "T".

Lock the cam at the desired handle load setting and remeasure the force.

Continue adjustment if necessary.

### 1309 Crimp Tool Series Operating Procedure

Strip cable according to manufacturer's specifications.

Select the appropriate nest for the contact being crimped.

Place contact in die end of modular locator, butting against back of die cavity.

Close tool carefully until jaws grip the contact.

Insert the properly stripped wire into the contact.

Holding the wire in place, close the tool past the ratchet release position and allow the jaws to spring open.

Remove and inspect the crimp.

Test by holding contact and pulling firmly on cable.

Apply torque as shown until ratchet releases. The force at a point 1-3/4" from handle end should be between 15-25 pounds for most crimping situations.

