



## User Instructions for PM1003GX PowerMod® Auxiliary Crimp Contact Inspection Tool

The PM1003GX inspection tool is used on both the male and female crimp contacts to confirm that the contact is securely latched into the housing. Do not use this tool on PCB contacts.



### Step 1

Line the tool up with the contact to be tested. When testing sockets, place the tool on the top edge of the socket contact (see figure 1). When testing pins, place the tool over the top radius of the pin contacts (see figure 2).

Bottom Position (Sockets)



Figure 1

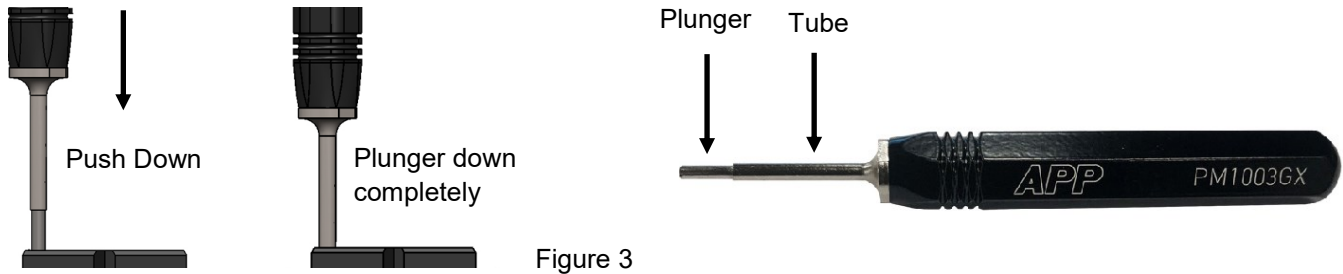
Top Position (Pins)



Figure 2

## Step 2

Firmly grasp the handle and press down on the tool until it bottoms out. The center plunger will recede into the outer tube under the compressive force. Stop applying force when the center plunger has receded back to the outer tube (see figure 3). The total travel of the center plunger is 7.5 mm [0.30 inches]



## Step 3

Pull the tool away and check the position of the contact. If the contact has not pushed back then the contact is securely latched into position.

## Step 4

Repeat with the remaining contacts.

## Step 5

Re-insert any contact that was pushed back with the insertion tool, making sure to fully snap the contact into place. Re-check with the inspection tool to confirm that the contact is securely latched.

The PM1003GX inspection tool can be used in any product that utilizes PowerMod® auxiliary crimp contacts. This includes SBS®/SBS®X Series, SPEC Pak®, SPEC Pak® Mini, SB® Smart, and SBE®/SBX® connector series. Shown below is the inspection tool being used on the SBS®X-75A connector.



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