

# Powerpole® High Power PCB-Mounted Connector

## Loose-Piece Assembly Instructions

1. Insert contact into housing using Anderson Power Products® Insertion/Extraction. Tool Part# 111038G2 as shown in Figure 1. (butt tool against alignment wedge on contact).
2. Push contact into housing until you hear a distinct click (Figure 2).
3. Tug on solder tail. Contact should not pull out of housing.
4. Inspect nose of housing to ensure contact hook is completely over the spring.

Connector is now ready for soldering to PCB (ref. APP drawing B02021S for PCB foot print).

### NOTES:

#### **Multipole Connections**

When using multipole connections, housing dovetails should be mated fully prior to insertion of contacts.

#### **Mounting Wings**

When using mounting wings; the wing and Powerpole® dovetails should all be mated fully prior to insertion of contacts.

- Insert contacts as outlined in steps 1-4 above in all Powerpole® housings
- Insert all solder tails into PCB plated through holes
- Secure connector assembly to PCB after soldering operations are complete



Figure 1 - Inserting Contact Using Insertion Tool



Figure 2 - Full Insertion

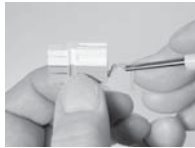
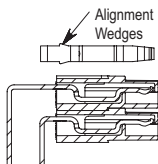


Figure 3 - Multi-Row Block Construction Steps; Block Housings, Insert Lower Row Contacts, Insert Upper Row Contacts

### WARNING

EXTREME CAUTION SHOULD BE USED WHEN WORKING ON LIVE CONNECTOR CONTACTS

### TRADEMARKS

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