

Architecture of IDC with solder post or compliant pins used in combination with PCB tabs with solder post or compliant pins on Printed circuit board

Scope

Architecture of MAG-MATE with solder post or compliant pins used in combination with FASTON tabs with solder post or compliant pins in Printed circuit board.

Idea is to utilize solutions of IDC and compliant pins like Multispring, ACTION PIN, Eye of needle, etc., in a configuration for applications in motor / compressors / pumps that would demand a compact & automated solution to transfer the power from power source to coil.

Advantages

1. Cost efficient:

- New solution when used with compliant pin variants can eliminate soldering process and offers a compact solution that can be automated.
- New solution can offer the connection using 2 PNs only.

2. Reliable:

New solution needs minimal intervention and can be precise
Precisely controlled crimp termination helps eliminate human error, for maximum reliability.

3. Clean:

Can be environment friendly since soldering process is eliminated