

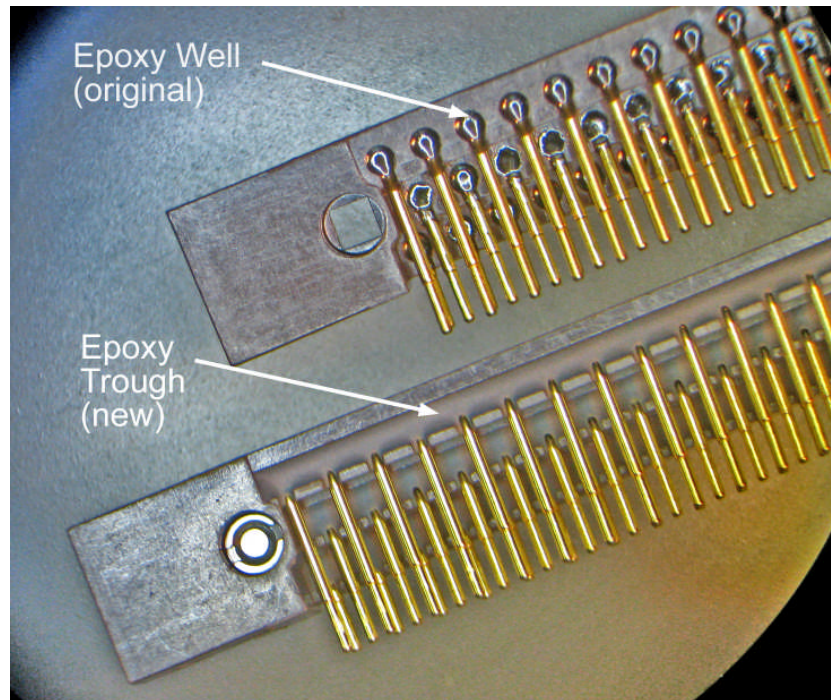
Introduction

In January 2013, Incon made the decision to make a minor change to the connector housings for two part families. The purpose behind this change was to facilitate the use of a single component epoxy vs. the originally selected two component.

This change only affects the following Incon Right Angle Plug connectors:

- FCR 90, 100 & 120 pin counts (M55302/59)
- FLR 50, 62, 80, 92, 104, 122 pin counts (no MIL equivalent)
- FLR160 pin count (M55302/138)

The contacts in the above mentioned connectors are retained in the connector housing with an adhesive. The original housing utilized an epoxy “well” where the new housing has a trough, as shown in the pictures below.



There were several reasons for making the change, some of which include:

1. Ease of manufacture, setup & application.
2. Consolidation of epoxy & connector housing styles.

INCON, INC.	21 Flagstone Dr Hudson, NH 603-595-0550
TB-001 Connector Housing Modification	

Prior to this change, Incon has had over 20 years success utilizing the single component epoxy with the trough system in our other MIL-DTL-55302 qualified connectors. This includes:

Incon p/n	MIL-DTL-55302	Description
FCR Series (10-70 pin counts)	M55302/57 & /61	2 Row, .100 Centerline Right Angle Plug
AAE Series (10-100 pin counts)	M55302/191	2 Row, .075 Centerline Right Angle Plug
AAB Series (122 & 152 pin counts)	M55302/193	3 Row, .075 Centerline Right Angle Plug

This epoxy & housing design have been tested and shown to exceed all of the MIL-DTL-55302 requirements. This includes the Group C Testing that is performed every 36 months.

Incon is 100% confident that this change will have no effect on the performance of the connector. If you have any questions or concerns regarding this change please contact the Engineering Dept @

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