Amphenol®

Application Note

IAN-124





GTC-E Series

BACKGROUND

In some industries which manufacture giant products like rolling stocks, it requires the connector to be assembled in the field instead of in the factory. Thus, the assembly process needs to be simple and tool requirements need to be as little as possible.

PROBLEM

Amphenol GT Series Reversed Bayonet Coupling Connectors demonstrate good electrical and mechanical performance in harsh environments, but requires specific tools and space for assembly.

AIO SOLUTION

The GTC-E Series uses UL94-V0 hard plastic inserts and removable contacts. This new structure highly simplifies the installation process and saves labor time. It perfectly fits the category of field installation and makes maintenance easier.