Amphenol®

Application Note

IAN-125





APC Series

BACKGROUND

Circular connectors are widely used in general duty and environmental applications for various markets. Amphenol industrial has been manufacturing metallic circular connectors for many years. Those connectors are known as a high reliability, robust design and provide a wide range of insert patterns.

PROBLEM

The traditional circular connector is not cost effective enough for newborn markets like energy storage which has a large demand for connectors but a high requirement of low cost.

AIO SOLUTION

Amphenol Industrial Operations' brand new APC Series circular connector has a plastic shell with stamped and formed contacts that make it cost competitive. The simple and innovative design greatly reduces installation time and also provides robust protection. It can be widely used in general duty and environmental applications for various markets.