

APPLICATION NOTE

www.ittcannon.com

APD direct PCB connection solutions

March 2010

The Challenge

Customers request a robust, light-weight plastic connector solution with high sealing grades as offered in our APD range. These connectors represent the direct interface into the “box” but need to be connected to a PCB internally instead of the standard crimped cable connection.



Product Features

- Lightweight, plastic connector
- Sealed up to IP67 / IP69K
- Excellent media resistance e.g. against oil
- Based on standard APD catalog products
- Doable as 6 / 7 / 19 / 37 / 51 way version or for sensor 4 way APD connectors
- Machined contacts, press-in contour
- Up to 4 color & mechanical codings
- Up to 48 V operating voltage

Benefit to Customer

- Space saving solution
- Cost savings: no harnessing, no board to board connectors required
- Selective wave solder process useable

Applications and Markets

- Industrial / Transportation / Military

The ITT Solution ...

APD standard connector series uses machined contacts, pressed into the insulator. This solution eliminates the need to use additional board-to-board connectors as well as harnessing efforts while providing IP67 / IP69K sealing.

For application assistance, please contact:

AMERICAS

George Blazas, 1.860.945.8294, George.Blazasl@itt.com

EUROPE

Achim Raad, +49 7151 699 263, Achim.Raad@de.itt.com

ASIA

Edward Wong, +852.258.958.39, Edward.Wong@itt.com