



AT® Circulars

# Amphenol AT<sup>®</sup> Circulars



## Features & Benefits

- Jam nut and square flange mounts available for 3way, 5way, and 9way
- Caps available with and without lanyards.
- Reverse bayonet coupling
- RoHs compliant
- AT<sup>®</sup> Contact technology available in gold or nickel
- Temperature rated -55°C to +125°C. Higher temperatures may be possible upon request.
- Environmentally sealed.
- 9way receptacles are in accordance to the interface of the diagnostic connector of the specification J1939.
- Backward compatible and intermateable to other circular connectors in the industry. The terminals can also be mixed as needed.
- Product line expansion in 2014 for more configurations and mounting styles.

## Amphenol AT<sup>®</sup> Circular Connector for the J1939 Specification



# Markets / Applications

## Markets:

- Heavy Equipment
- Transportation
- Marine
- Energy



## Applications:

- Class 8 trucks (on highway)
- Trailers
- ECU's
- Construction equipment
- Agriculture/ Forestry
- Industrial pumping
- Power generation
- Buses
- Fire/ rescue
- Garbage trucks
- Tractors
- Off highway
- Marine propulsion





# How to Order

## Connectors

ATC   10   -   9-1939   P   N  
1            2                    3            4

1 designates AT Circular Connector

2 Shell Style

09 = Small Flange Jam Nut Receptacle  
(includes jam nut)

10 = Square Flange Receptacle

17 = Jam Nut Receptacle  
(jam nut sold separately)

11 = Round Nut Receptacle

3 Shell Sizes and Insert Arrangements

3, 5, 9-1939

4 Contact

P for Pin (only available for Receptacles)

## Accessories

Part Numbers	Description
ATC10-RC3C	Cap with Lanyard for Size 3 Square Flange Receptacle
ATC10-RC3	Cap less Lanyard for Size 3 Receptacle
ATC10-RC5C	Cap with Lanyard for Size 5 Square Flange Receptacle
ATC10-RC5	Cap less Lanyard for Size 5 Receptacle
ATC10-RC9C	Cap with Lanyard for Size 9 Square Flange Receptacle
ATC10-RC9	Cap less Lanyard for Size 9 Receptacle
ATC10-RC9L	Cap with Lanyard for Size 9 Jam nut Receptacle
ALHN-19	Hex Nut for ATC-17-9-1939PN
ABSR9-1939	Backshell Strain Relief for Size 9 Receptacles



# Deutsch Cross Reference

HD10-9-1939P-B022	= ATC-09-9-1939PN (NEW!)
HD10-9-1939P	= ATC-10-9-1939PN
HD10-9-1939-B022	= ATC-11-9-1939PN (close, but some dimensions differ)
HD10-3-96P	= ATC-10-3PN (Amphenol's is a non-threaded rear, which would be HD10-3-16P)
HD10-5-16P	= ATC-10-5PN
HDC16-3	= ATC10-RC3
HDC16-3-JDL	= ATC10-RC3C
HDC16-5	= ATC10-RC5
HDC16-5-LA	= ATC10-RC5C (Deutsch has a steel strap and Amphenol's is rubber)
HDC16-9	= ATC10-RC9
HDC9-JDL082397	= ATC10-RC9C
HD18-009	= ABSR9-1939 (NEW!)

- Reduced wire seals (PE in place of P) available upon request.
- The suffix E004 Deutsch modification is available (changes color from gray to black).
- The suffix B009 Deutsch modification is available (removes index)

