

# ABCIRP Connector

MODULAR BAYONET LOCK CONNECTOR,  
PLASTIC INSULATOR

- Traction & Industrial
- Mil-C-5015 Style & VG95234
- Reverse Bayonet Connector
- Approved by SNCF to NFF 61030
- Conforms to LUL standards



ABCIRP connector series is derived from the American Mil-C-5015 & VG95234 specifications. The connectors are intermateable and interchangeable with corresponding types, but feature a low fire hazard thermoplastic insulator which is removable for repositioning at an alternative orientation. Contacts are industry standard 'F80' type and are retained in the insulator by means of a unique beryllium copper spring clip. Connector sealing features a stepped wire seal grommet which can remove the need to populate unused cavities with filler plugs. Crimp tooling is industry standard and contacts are inserted and removed using simple hand tools.

ABCIRP connectors are approved to French Rail specification N.F.F. 61030

## Standard Materials & Finishes

Shell: Aluminium alloy, cadmium free plated, black passivation  
Insulators: Low fire hazard thermoplastic  
Contacts: Copper alloy, gold plated

## Mechanical Features

Coupling: Three pin bayonet  
Polarisation: Shell key, keyway in removable insulator  
Contact type: Crimp, rear insertion, front release, rear removable, p.c.tail  
Contact Arrangements: 7 to 60 contacts

## Electrical Data

Max contact Current Rating: 10 Amps to 42 Amps  
Voltage Rating: Working 700V to 1250V DC/AC Peak  
Contact Resistance: 5 m ohms max  
Temperature Rating: -55°C to +125°C-

### General Note

AB Connectors reserves the right to make changes in product specification without notice or liability. All information is subject to AB Connectors' own data and is considered accurate at time of going to print.