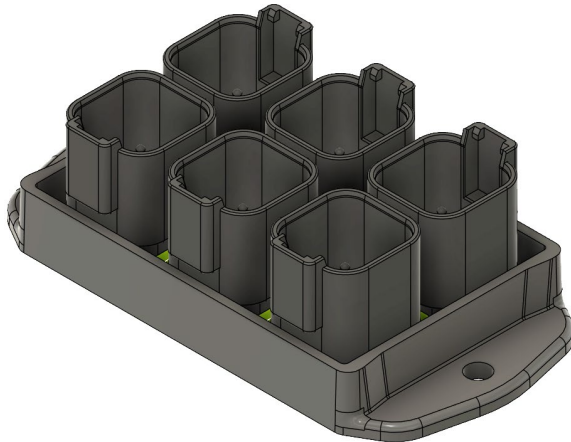


Infinitybox Passive CAN Bridge (P/N 852-892)



Product Description:

The Infinitybox Passive CAN Bridge is simple module that allows you to connect 6 CAN harnesses to a single junction point. This can be used to join multiple CAN harnesses together without the need for custom splitters.

The Passive CAN Bridge module uses sealed ATP04-6P connectors and is fully potted. The ingress protection is rated at IP67. The module includes an LED to indicate that but power is applied to the system. The internal PCB traces are impedance matched for CAN data rates up to 1,000 kb/s.

Electrical Features:

- Six Identical CAN Ports for Expansion
- Designed for 12 or 24-Volt Operation
- Maximum CAN Data Rate: 1,000 kb/s
- Maximum Current On Power Feeds: 10 A
- LED to Indicate Voltage on Power Buss

Connector Specifications

- Mating connector: Amphenol ATP04-6S
- Connector Pinout:
 1. Vehicle B+
 2. Ground
 3. Control Voltage
 4. CAN High
 5. CAN Low
 6. Cable Shield

Material Specifications

- Enclosure: Sealed potted module
- All Materials UL94V0

Environmental Specifications

- Operating Temperature Range: -40 C to 85 C
- Ingress Protection: IP67
- Vibration: Automotive grade
- All materials tested to meet automotive chemical exposure, salt spray and salt fog

Infinitybox Passive CAN Bridge Dimensions (In Millimeters)

