



Parts Specialist. Solutions Driven.

POWER DISTRIBUTION

BRIC: Breathable & Robust Interconnection Center — ISO Relay Connector & ATO/ATC Fuse Holder

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About Chief Enterprises LLC

Founded in 1991, Chief has grown to be a trusted partner in the on and off-road industries, supplying electro-mechanical components and value-added services throughout North America.

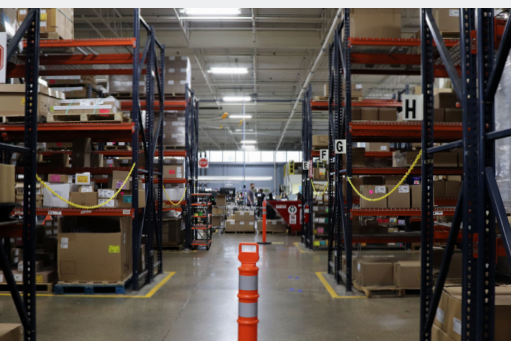
Operating on the forefront of technology, we deliver the highest quality products available through strategic vendor partnerships and our design and manufacturing capabilities.

This allows us to provide complete system solutions, streamlining our customers' supply chain and accelerating their speed to market.

Beyond that, working with Chief means you have an ally from concept to production. Our in-house engineering and quality personnel provide design-in support, testing coordination, and technical documentation—while our customer service team handles everything from inventory management to logistics, ensuring a smooth and painless process.

Why Choose Us?

- Technical & Industry Expertise
- Capacity for Specialty Projects
- Lean Operation to React Quickly
- Inhouse Wire Crimping, Laser Marking & 3D Printing Equipment
- Design-in & Application Support
- Testing Coordination & Technical Documentation



Contact Us Today!

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Website: www.chiefent.com



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Relay Connector & Fuse Holder

Advantages, Specifications,
Configurations, & Accessories





Competitive Advantages

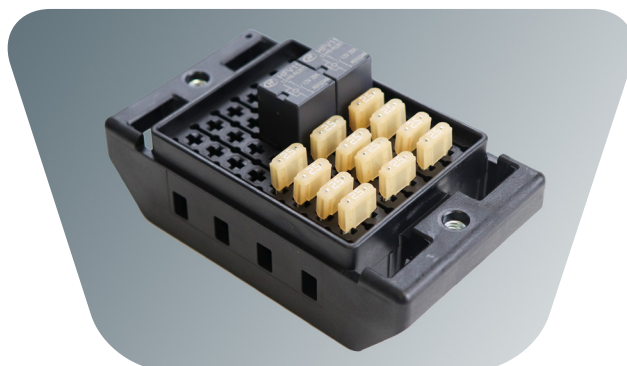
The BRIC family highlights a 48 position, heavy-duty electrical solution for the on & off-road OEM. Ideal for harsh conditions and space restricted applications, this module uses 280 style components. Also available in 24 and 84-way configurations.

BRIC 280 Component	Part Number
24-Way Base	C748
48-Way Base	C749
84-Way Base	C750
24-WAY Cover with CPAs, Seal, & Vent	C751-1
48-Way Cover with CPAs, Seal, & Vent	C752-1
84-Way Cover with CPAs, Seal, & Vent	C753-1
Internal Mount TPA	P343-1
CPA for Cover	P346
Diode Key	P347-2
Tether	P348-1
CE M6 SEMS Screw	P424
Side Mount Bracket	P425
External Mount TPA	P1049

Reference QR code on Pg. 11 for Technical Data

- Hydrophobic Vent
- IP67 Water & Dust Protection
- Cover Lock (CPA)
- Terminal Lock (TPA)
- Extremely Small Footprint
- High Impact Plastic Cover
- Sleek Body Design
- High Strength Reinforced Body
- M6 Steel Nuts for Mounting
- One-hand Cover Release
- Custom Labels & Laser Marking
- Diode Key Available
- Tether for Cover Available
- Mounting Brackets Available

Consult Chief for additional details



Specifications

Dimensions:	108.5 x 62.0 x 65.0 mm (48-way)
Number of Cavities:	24, 48, or 84 for 280 terminals
Mounting:	M6 Steel Threads
Temperature Range:	-40 to 125° C Ambient
Terminal Rating:	Up to 40A per terminal
Wire Sizes:	24 to 12 AWG Wire
Ingress Protection Rating:	IP67 Water & Dust Protection
Terminal System:	TE MCP 280 terminals
Electrical Load:	Up to 360 Amps



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Configurations & Accessories

Count on Chief Enterprises for customized components engineered to your specifications. We can deliver pre-assembled parts ready for you to install.

Additional options include covers with or without hydrophobic vent, with or without CPAs, and custom laser markings. Accessories include TPAs, tethers, side mount brackets, and custom labels.

Configurations



24-Way



48-Way



84-Way

Covers



24-Way Cover



48-Way Cover



84-Way Cover

Cover Options



Hydrophobic Vent



Cover Position Assurance



Laser Marking

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Check out the BRIC 280



Competitive Advantages

With 19 different possible configurations, the Fusion is completely customizable and has the ability to house both low and high amp components by way of ultrasonic welding. The Fusion sports the same rugged and compact build as the 84-way BRIC® and is IP67 sealed.

- High Amp Components fit into One Module
- Hydrophobic Vent
- IP67 Water & Dust Protection
- Completely Configurable
- Ultrasonic Welded
- Sleek Body Design
- High Strength Reinforced Body
- High Impact Plastic Cover
- One-hand Cover Release
- M6 Steel Nuts for Mounting
- Custom Labels
- Low Minimum Order Quantities
- Diode Key Available
- Tether for Cover Available
- Mounting Brackets Available

Consult Chief for additional details



Specifications

BRIC Fusion Component	Part Number
280 x ATO x 280 Base	C1107
Maxi Combo x 280 x Maxi Fuse Base	C1165
Maxi Combo x 280 x Maxi Combo Base	C1179
280 x 280 x Maxi Fuse Base	C1228
280 x 280 x Maxi Combo Base	C1233
280 x 280 x ISO Relay Base	C1234
Maxi Combo x 280 x ISO Relay Base	C1235
Maxi Fuse x 280 x Maxi Fuse Base	C1236
ISO Relay x 280 x ISO Relay Base	C1238
Maxi Combo x ATO x Maxi Fuse Base	C1243
Large Cover with CPAs, Seal & Vent	C753-1
Tether	P328-1
Fusion Lock TPA	P345
CPA for Cover	P346
CE M6 SEMS Screw	P424
Side Mount Bracket	P425

Reference QR code on Pg. 11 for Technical Data



Dimensions:	155.3 x 62.0 x 65.0 mm
Number of Cavities:	Cavity Options on Reverse Side
Mounting:	M6 Steel Threads
Temperature Range:	-40 to 125° C Ambient
Ingress Protection Rating:	IP67 Water & Dust Protection
Terminal System(s):	TE MCP 2.8
	TE MCP 6.3
	TE MCP 9.5
	Metri-Pack 800 Series

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Configurations & Accessories

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The Fusion joins the BRIC® family as a versatile high amp option for the on and off-road OEM that supports fuses, relays, circuit breakers, and diodes. Cover options mirror the 84-way BRIC®, with hydrophobic vents, CPAs, and laser marking.

Components



Relays

The *Fusion* houses 280, ISO, & Maxi Relays



Fuses

The *Fusion* houses Maxi, Mini, and ATO style fuses



Circuit Breakers

The *Fusion* houses plug-in style circuit breakers



Diodes & Other

The *Fusion* houses diodes and other similar plug-in electrical components

Configurations



Maxi Combo x 280 x Maxi Combo



280 x 280 x Maxi Fuse



ISO Relay x ATO x Maxi Combo

Inquire about 16 other Fusion configurations...

Cover Options



Hydrophobic Vent



Cover Position Assurance



Laser Marking

Other accessories include Custom Labels, Mounting Brackets, Terminal Position Assurance, and Tethers.

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Check out the BRIC Fusion



Competitive Advantages

The BRIC mini is a compact and cost effective way to house plug-in 280 style automotive components such as ATM fuses, Micro relays, ATM circuit breakers, and other critical components in an environmentally sealed enclosure. It features 12 cavities, multiple cover variations, and a hydrophobic vent.

BRIC mini Component	Part Number
Base, Long Arm, Breather	C2051
Base, Standard Arm, Breather	C2052
Base, Long Arm, Breather, Rotated Cavities 6 & 12	C2055
Base, Standard Arm, Breather, Rotated Cavities 6 & 12	C2056
Cover, Standard Height	P908
Cover, Low Height	P917
TPA	P952
Tether, 88 mm	P954
Tether, 110 mm	P1034
Double Head Fir Tree Clip	08800309-A03
Round Fir Tree Clip	12110783
EWCAP Fir Tree Clip	151-01108

Reference QR code on Pg. 11 for Technical Data

Standard Features:

- IP67 & IP69K Environmentally Sealed
- Tool-Free Installation
- Extremely Compact Footprint
- Base Mounting to Alleviate Strain on Seal
- EWCAP Clip Compatible
- Uses Industry Preferred TE MCP 2.8 Terminals
- Squeeze & Pull Cover Removal for Easy Service
- Component Retention Built into Cover

Optional:

- Hydrophobic Vent
- TPA - Terminal Position Assurance
- Rotated Cavities in Certain Configurations
- Supplemental Component Retention
- Extended/Custom Arm Mounting
- Brand/Private Labeled Cover
- Tether

Consult Chief for additional details



Specifications

Dimensions:	52.4 x 28.7 x 51.2 mm
Number of Cavities:	12
Mounting:	M6 Steel Threads
Temperature Range:	-40 to 125° C Ambient
Ingress Protection Rating:	IP67 Water & Dust Protection
Terminal System(s):	TE MCP 2.8



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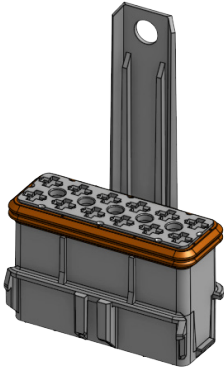
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Configurations & Covers

Count on Chief Enterprises for customized components engineered to your specifications. We can deliver pre-assembled parts ready for you to install.

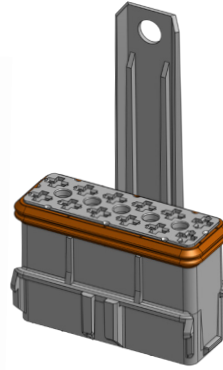
Configurations



Long Arm, Breather



Standard Arm, Breather



Long Arm, Breather & Rotated Cavity 6 & 12



Standard Arm, Breather & Rotated Cavity 6 & 12

Covers

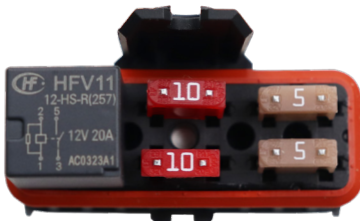


Standard Height Cover

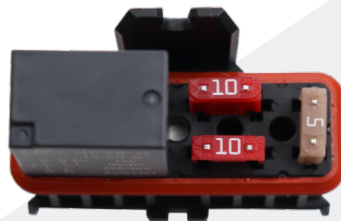


Low Height Cover

Rotated Cavities



No Rotated Cavity 6 & 12



Rotated Cavity 6 & 12

Fuses & Relays Purchased Separately



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Check out the BRIC mini



In-Design Queue

In the upcoming years, the BRIC family will expand to include the BRIC Gen2 and miniMax. Concept and format of images below are subject to change.



Experience the next level of excellence with the BRIC Gen2. It features a remarkably lightweight design without compromising on durability, enhanced thermal performance using heat dissipation technology, and versatility with a vast array of busing options. The Gen2 is available in the same footprint as the 84-way BRIC.



The newest addition to the BRIC family packs a punch. The BRIC miniMax gives you the ability to house high current components in a small package. It can hold 4 maxi fuses or 1 maxi relay & 2 maxi fuses in the same compact footprint as the 24-way BRIC. The miniMax is IP67 sealed and utilizes the MCP 6.3 & 9.5, as well as the M800 Delphi MetriPack terminal system.

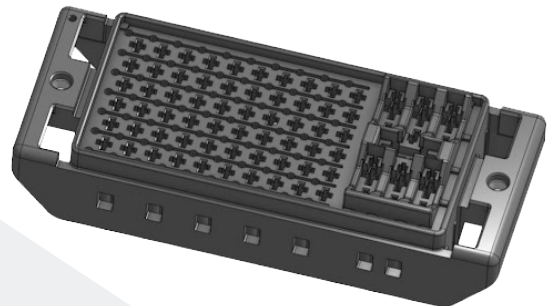
Design a Custom-Tooled BRIC

From Concept to Production

> Customization without the Cost of Tooling

A leader in the powersport industry came to Chief with last minute additions. This caused electrical requirements to change with no real estate to accommodate it. Chief was able to provide a solution in 12 weeks within the same IP67 sealed footprint.

Get Started on Your Custom Solution—contact us today!



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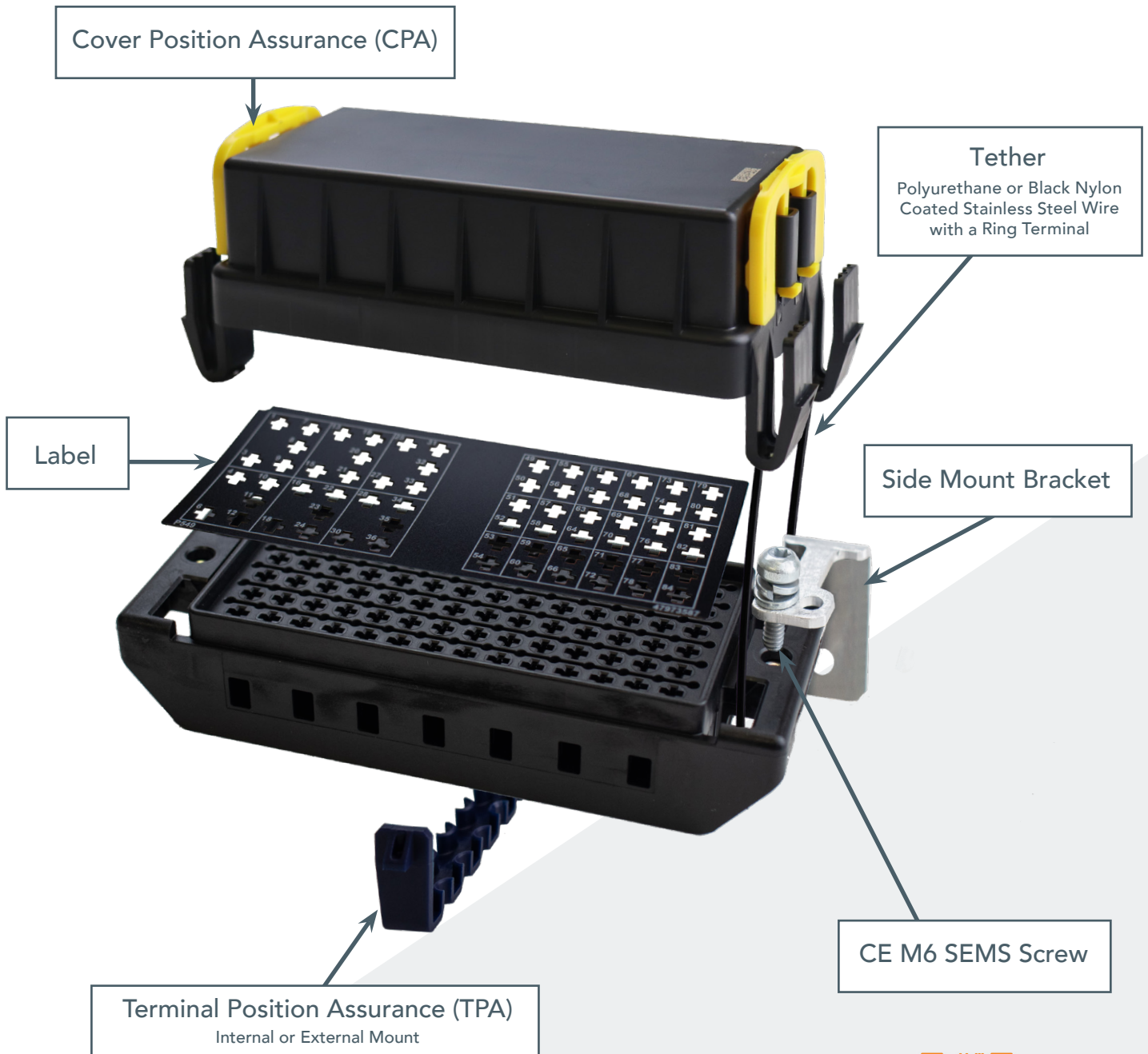
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BRIC Accessories

Count on Chief Enterprises for customized components engineered to your specifications. We can deliver pre-assembled parts ready for you to install.

The BRIC is known for its hydrophobic vent used to reduce pressure from component produced heat without drawing in water or debris. The BRIC series offers additional accessories such as CPAs (cover position assurance), TPAs (terminal position assurance), brackets, mounting nuts, and tethers.



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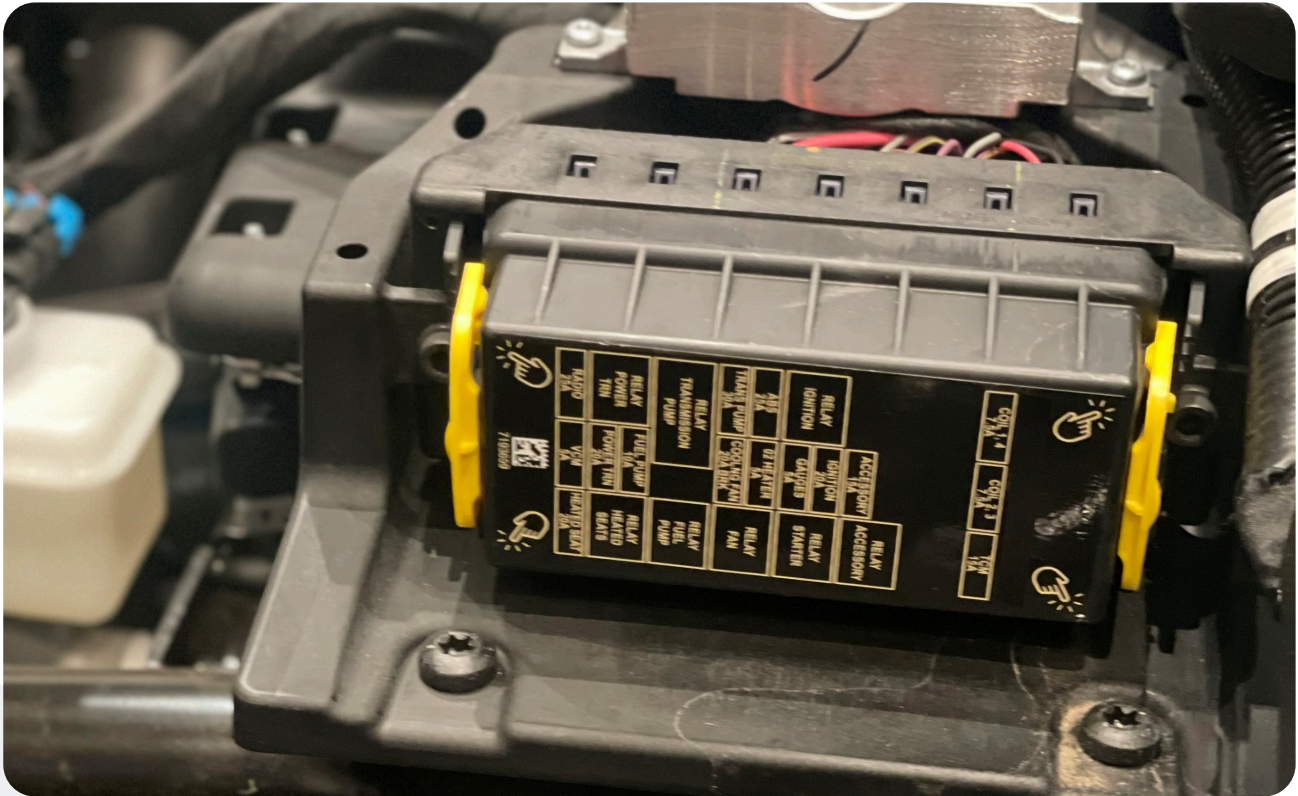


Check out BRIC Technical Data



BRIC Designed-In

The image below shows Chief's BRIC Fusion designed-into a top powersports vehicle, equipped with Cover Position Assurance (CPAs) and custom laser marking for easy access post-installation. Our BRIC 280 & Fusion solutions can be applied to similar industries, while the mini is used in powersports, agricultural, construction, and turf care markets.



BRIC 280 & Fusion Applications



Powersports



Agricultural



RVs & Bus



Marine



Construction
& Forestry



Medium &
Heavy-Duty Trucks



Power Gen



Specialty
Vehicles



Powersports



Agricultural



Turf Care



Construction
& Forestry

BRIC mini Applications



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ISO RELAY CONNECTORS & ATO/ATC FUSE HOLDERS



Competitive Advantages

Our weatherproof ISO Relay Connector and ATO/ATC Fuse Holder feature push-to-seat terminals and TPAs allowing for maximum retention and effortless wire processing. What's more, their compatibility with widely used components make it easy to retrofit into existing designs.

Relay Connector & Fuse Holder	Part Number
Relay Connector with No Vent & Wire Leads	C2500
Relay Connector with Vent & Wire Leads	C2501
Relay Connector with No Vent	C1256
Relay Connector with Vent	C1257
HongFa 12V Relay - Relay Connector Cover	HFV15-12-Z5T-R(257)
ATO/ATC Fuse Holder with Wire Leads	C2039
ATO/ATC Fuse Holder	C1258
TPA for Relay Connector	P839
TPA for Fuse Holder	P840
Relay Connector Kit with No Vent	C2504
Relay Connector Kit with Vent	C2505
ATO/ATC Fuse Holder Kit	C2506

Reference QR code on Pg. 15 for Technical Data

Consult Chief for additional details



Parts Specialist. Solutions Driven.

Relay Connector:

- Push-to-Seat Terminals
- Built-In Grip for Relay Removal
- High Impact Nylon Body
- Silicone Radial Seal
- Water & Dust Resistant
- Replaces Various Part Numbers*
- Optional Hydrophobic Vent
- Optional Terminal Position Lock (TPA)

Fuse Holder:

- Push-to-Seat Terminals
- High Impact Nylon Body
- Silicone Radial Seal
- Water & Dust Resistant
- Replaces Various Part Numbers*
- Optional Terminal Position Lock (TPA)

Replaces Part Numbers:

* Relay Connector: Delphi™ 12065685, 12065686, 12065971, 12066033, 12066034, 12066035, 12077993, 12092605, 12124143, 12191236, 12186644, 15326224

* Fuse Holder: Delphi™ 12033769, 12066681, 12085030, 12092677, 121103658



Specifications

Component Type (Relay Connector):	Shrouded Mini ISO Relay
Compatible Cap (Fuse Holder):	Delphi™ 12033731
Temperature Range:	-40 to 125° C Ambient
Wire Sizes:	22 to 10 AWG Wire
Terminal System(s):	TE MCP 6.3
Electrical Load:	Up to 40 Amps

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Custom Chief Solutions

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Configurations



ISO Relay Connector with Vent
& Wire Leads



ATO/ATC Fuse Holder with
Wire Leads



ISO Relay Connector with No
Vent & Wire Leads

Covers



ISO Relay Connector Cover



ATO/ATC Fuse Holder Cover
Order Preassembled or Separately

Build a Custom Sample Kit

> Request a Sample Kit

Chief Enterprises offers a variety of sample kits, built in-house at our facility in Elmhurst, IL. We specialize in designing custom kits for aftermarket service or prototyping.

Create a custom sample kit—contact us today!



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Check out the Relay Connector
& ATO/ATC Fuse Holder



POWER DISTRIBUTION



Product Highlights

BRIC 280, Fusion, & mini Power Distribution Modules
Mini ISO Relay Connector & ATO/ATC Fuse Holder

Upcoming - BRIC Gen2 & miniMax Power
Distribution Modules

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