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Bourns® products are available through an extensive network of manufacturer’s representatives, agents and distributors. To determine approved applications, reservations, or to place an order, contact a Bourns representative in your area.

Specifications subject to change without notice. Actual performance in specific customer applications may differ due to the influence of other variables. Customers should verify actual device performance in their specific applications.

**Worldwide Sales Offices**

<table>
<thead>
<tr>
<th>Country or Region</th>
<th>Phone</th>
<th>Email</th>
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<tbody>
<tr>
<td>Americas</td>
<td>+1-951-791-5500</td>
<td><a href="mailto:americus@bourns.com">americus@bourns.com</a></td>
</tr>
<tr>
<td>Brazil</td>
<td>+55 11 5505 0601</td>
<td><a href="mailto:americus@bourns.com">americus@bourns.com</a></td>
</tr>
<tr>
<td>China</td>
<td>+86 21 64821250</td>
<td><a href="mailto:asiacus@bourns.com">asiacus@bourns.com</a></td>
</tr>
<tr>
<td>Europe, Middle East, Africa</td>
<td>+84 49 368 57 77</td>
<td><a href="mailto:eurocus@bourns.com">eurocus@bourns.com</a></td>
</tr>
<tr>
<td>Japan</td>
<td>+81 49 269 3204</td>
<td><a href="mailto:asiacus@bourns.com">asiacus@bourns.com</a></td>
</tr>
<tr>
<td>Korea</td>
<td>+82 70 4036 7730</td>
<td><a href="mailto:asiacus@bourns.com">asiacus@bourns.com</a></td>
</tr>
<tr>
<td>Singapore</td>
<td>+65 6348 7227</td>
<td><a href="mailto:asiacus@bourns.com">asiacus@bourns.com</a></td>
</tr>
<tr>
<td>Other Asia-Pacific Countries</td>
<td>+886 2 26941177</td>
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**Technical Assistance Region**

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**Website**

www.bourns.com
Worldwide Sales Offices

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Introduction

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Retracting Mirrors
Digital Visual Interface
Park Assistance
Entertainment System
Navigation System
Seat Controls
Internal Lighting
Car Antenna
Back-up Camera
Keyless Passive Entry
Automatic Door Locks
Window Lift Motors
CANbus System
Steering Column
Communication Motherboard
Engine Start-Stop Stabilizer
Car Alarm System
Body Computer
Hybrid Battery
Fuel Pump Control
HID Lights
LED Lights
Cooling Fan
Electric Powertrain
I/O and USB 2.0 Ports
Audio Control Unit

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Korea: +82 70 4036 7730        asiacus@bourns.com
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Taiwan: +886 2 25624117        asiacus@bourns.com
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Technical Assistance Region        Phone          Email

Asia-Pacific: +886 2 25624117        techweb@bourns.com
Europe, Middle East, Africa: +36 88 885 877 eurotech@bourns.com
Americas: +1-951-781-5500        techweb@bourns.com

Automotive Component Selection Guide

Bourns is a registered trademark of Bourns, Inc. in the US and other countries.

www.bourns.com
### Power Inductors

<table>
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<tr>
<th>Model</th>
<th>Photo</th>
<th>Use</th>
<th>Standard</th>
<th>Current Range</th>
<th>Shielded Inductance Range</th>
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### Comfort & Positioning

- **Wheel Load Meter**
- **Seat Position Meter**
- **Seat Positioner**
- **Parking Sensor**
- **Body Control**
- **Keyless Entry System**
- **Automatic Door Lock**
- **Body Computer**
- **Steering Columns**
- **Retractable Interior Mirror**
- **Mirror View Positioner**

### Electrification

- **Fuel Pump**
- **Motor Control Module**
- **Battery Charger**
- **Cooling Fan**
- **Body Control**
- **Luggage Compartments**
- **Start/Stop Engine Control**

### Infotainment

- **Instrument Cluster**
- **Audio System**
- **On-Board Navigation**
- **Bluetooth System**
- **Blind Spot Detection**
- **360° Camera**
- **Audio System**

### Lighting

- **RGB Headlight**
- **LED Headlight**
- **Interior LED Light**

### Networks

- **CAN**
- **FlexRay**
- **LIN**
- **Ethernet**

### Fixed Resistors

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### Multifuse PPTC Resettable Fuses

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<th>Model</th>
<th>Photo</th>
<th>Hysteresis Reset Current (mA)</th>
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<th>Max. Operating Voltage (V)</th>
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### Transient Voltage Suppressor (TVS) Diodes

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<th>Max. Operating Current (A)</th>
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### Bourns Automotive Components

- **Common Mode Inductors**
- **Common Mode Chip Inductors**
- **Chipguard® ESD Suppressors**

**Common Mode Inductors**

<table>
<thead>
<tr>
<th>Model</th>
<th>Photo</th>
<th>Use</th>
<th>Capacitor Range</th>
<th>Inductance Range</th>
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<td>90 – 2200</td>
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**Common Mode Chip Inductors**

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<th>Model</th>
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<th>High</th>
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**Chipguard® ESD Suppressors**

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<th>Technology</th>
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### Common Mode Inductors

- **Inductance Range (µH)**
- **Current Range (mA)**
- **Impedance Range (Ω) @ 10 MHz**
- **Current Range (A)**

### Power Inductors

- **Inductance Range (µH)**
- **Current Range (A)**
- **Impedance Range (Ω) @ 10 MHz**
- **Current Range (mA)**

### Fixed Resistors

- **Resistance Range (Ω)**
- **Power Range (W)**
- **Voltage Range (V)**
- **Current Range (A)**

### Multifuse PPTC Resettable Fuses

- **Current Range (mA)**
- **Voltage Range (V)**
- **Power Range (W)**
- **Thermal Characteristics**

### Transient Voltage Suppressor (TVS) Diodes

- **Voltage Range (V)**
- **Current Range (A)**
- **Power Range (W)**
- **Impedance Range (Ω) @ 10 MHz**
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