Bourns Introduces New AEC-Q101 Compliant TVS Diode Products

*Model SMAJ-Q, SMBJ-Q, SMCJ-Q and SMLJ-Q Series*

*Riverside, California - Revised February 19, 2018* - Bourns is pleased to announce that four series of the existing Model SMAJ, SMBJ, SMCJ and SMLJ unidirectional and bidirectional TVS diodes are now AEC-Q101 compliant. These TVS diodes are well suited for voltage transients and ESD protection in data lines and DC power supplies.

These AEC-Q101 compliant products are well suited for applications that require high reliability such as portable electronics, power supplies and equipment used in harsh environments.

The product data sheets with detailed specifications can be viewed on the Bourns website at [www.bourns.com](http://www.bourns.com).

Should you have any questions or need additional information, please contact Customer Service/Inside Sales.

**Features**
- Surface mount package
- Standoff Voltage: 12 to 58 volts
- RoHS compliant*
- AEC-Q101 compliant**

**Applications**
- Protection of power buses
- Protection of I/O interfaces
- Overvoltage transient protection
- Automotive
  - Entertainment applications
  - Comfort applications
- Telecom, computer, industrial and consumer electronics applications

<table>
<thead>
<tr>
<th>Series</th>
<th>Power Wattage (TP = 1 ms)</th>
<th>Standoff Voltage (VRWM)</th>
<th>Unidirectional/Bidirectional</th>
</tr>
</thead>
<tbody>
<tr>
<td>SMAJ-Q</td>
<td>400 W</td>
<td>12 ~ 58 V</td>
<td>Yes</td>
</tr>
<tr>
<td>SMBJ-Q</td>
<td>600 W</td>
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<tr>
<td>SMCJ-Q</td>
<td>1500 W</td>
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<tr>
<td>SMLJ-Q</td>
<td>3000 W</td>
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