Bourns Introduces New AEC-Q101 Compliant TVS Diode Products

Model 5.0SMDJ-Q Series

*Riverside, California - July 9, 2018* - Bourns is pleased to announce the existing Model 5.0SMDJ unidirectional and bidirectional TVS diodes are now AEC-Q101 compliant as Model 5.0SMDJ-Q. 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 also well suited for applications that require high reliability such as portable electronics, power supplies and equipment used in harsh environments.

<table>
<thead>
<tr>
<th>Series</th>
<th>Power Wattage (TP = 1 ms)</th>
<th>Standoff Voltage (V_{RWM})</th>
<th>Unidirectional / Bidirectional</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.0SMDJ-Q</td>
<td>5000 W</td>
<td>12 ~ 43 V</td>
<td>Yes</td>
</tr>
</tbody>
</table>

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 43 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

** "Q" part number suffix indicates AEC-Q101 compliance.