Bourns Adds New Voltage to the Model SMAJ-Q TVS Diode Series

Riverside, California - July 16, 2018 - Bourns is pleased to announce the release of a new available voltage specification to extend the existing range of the Model SMAJ-Q Series Transient Voltage Suppressor Diodes. The new voltages range from 8.5 V to 58 V, bidirectional, while unidirectional remains 12 V to 58 V. These AEC-Q101 compliant TVS diodes are well suited for voltage transients and ESD protection of power buses and I/O interfaces.

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

<table>
<thead>
<tr>
<th>Series</th>
<th>Additional Standoff Voltage</th>
<th>Complete Range Standoff Voltage</th>
<th>Directional</th>
<th>Power Wattage</th>
</tr>
</thead>
<tbody>
<tr>
<td>SMAJ-Q</td>
<td>-</td>
<td>12 ~ 58 V</td>
<td>Unidirectional</td>
<td>400 W</td>
</tr>
<tr>
<td></td>
<td>8.5 V</td>
<td>8.5 V ~ 58 V</td>
<td>Bidirectional</td>
<td>400 W</td>
</tr>
</tbody>
</table>

The product data sheet with detailed specifications can be viewed on Bourns’ website at http://bourns.com/products/diodes/tvs-diodes.

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

Features
- Surface mount SMA package
- Power Dissipation: 400 watts
- 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

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** Bourns considers a product to be "halogen free" if (a) the Bromine (Br) content is 900 ppm or less; (b) the Chlorine (Cl) content is 900 ppm or less; and (c) the total Bromine (Br) and Chlorine (Cl) content is 1500 ppm or less.