Bourns Announces New Discrete TVS Diode Products

Model SMA6J and SMA6J-Q Series

Riverside, CA – October 16, 2019 – Bourns is pleased to announce the release of two new ESD/EFT/Surge Protection series, Models SMA6J and SMA6J-Q. These products are well suited for voltage transient and ESD protection in data lines and DC power supplies. Both series come in a compact, industry standard DO214-AC (SMA) package, with increased Peak Pulse Power Dissipation of 600 W rather than the industry standard of just 400 W, enabling designers to realize compact, high power density and power supply designs.

Furthermore, Model SMA6J-Q is AEC-Q101 compliant for applications that require high reliability such as power supplies and equipment used in certain harsh environments.

<table>
<thead>
<tr>
<th>Series</th>
<th>Reverse Standoff Voltage</th>
<th>Configuration</th>
<th>Peak Pulse Power Dissipation (10/1000 μs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SMA6J</td>
<td>5 - 43 V</td>
<td>Unidirectional and Bidirectional</td>
<td>600 W</td>
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For more detailed product information, please visit www.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
- Standoff Voltage: 5 to 43 volts
- Power Dissipation: 600 watts
- RoHS compliant*

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

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