SDA168H thru SDA168N

HIGH RELIABILITY
5.0 AMP, 1000 – 5000 VOLTS
STANDARD RECOVERY
THREE PHASE BRIDGE RECTIFIER

FEATURES:
- Average Output Current 5.0 Amps @ 55°C
- PIV 1000 to 5000 Volts Per Leg
- Hermetically Sealed Diode Cells
- Avalanche Rated
- Encapsulated Epoxy Case
- Insulated Electrical Connections
- Small Size
- Mounting Holes for Ease of Installation
- Available in Fast, Ultra Fast, and Hyper Fast Recovery Times
- TX, TXV, or S-Level Screening Available

ELECTRICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Peak Inverse Voltage (per leg)</th>
<th>Sine Wave RMS Input Voltage Max.</th>
<th>Reverse Recovery Time</th>
<th>Average DC Output Current</th>
<th>Average DC Output Current</th>
<th>Peak Forward Surge Current (1 Cycle)</th>
<th>Peak Repetitive Forward Current</th>
<th>Maximum Forward Voltage (per leg) @ 3 ADC</th>
<th>Maximum Reverse Voltage (per leg) @ PIV</th>
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</table>

NOTES:
1/ For Ordering Information, Price, and Availability- Contact Factory.
2/ Screened to MIL-PRF-19500.
3/ Unless Otherwise Specified, All Electrical Characteristics @25°C.
4/ Recovery Conditions: I_r = 0.5 Amp, I_s = 1.0 Amp rec. to .25 Amp.
5/ Please consult factory for further details on these items.

NOTE: All specifications are subject to change without notification. SCD’s for these devices should be reviewed by SSDI prior to release.

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For information on curves, contact the Factory Representative for Engineering Assistance.