### FEATURES
- Low forward voltage drop
- High current capability
- High reliability
- High surge current capability

### MECHANICAL DATA
- Case: Molded plastic
- Epoxy: UL 94V-0 rate flame retardant
- Lead: Axial leads, solderable per MIL-STD-202, method 208 guaranteed
- Polarity: Color band denotes cathode end
- Mounting position: Any
- Weight: 1.10 grams

### MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>TYPE NUMBER</th>
<th>FR301</th>
<th>FR302</th>
<th>FR303</th>
<th>FR304</th>
<th>FR305</th>
<th>FR306</th>
<th>FR307</th>
<th>UNITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage Range</td>
<td>50 to 1000 Volts</td>
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<tr>
<td>Current</td>
<td>3.0 Amperes</td>
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</tbody>
</table>

#### VOLTAGE RANGE
- 50 to 1000 Volts

#### CURRENT
- 3.0 Amperes

### Dimensions in inches and (millimeters)

- DIA. 0.220(5.6)
- DIA. 0.197(5.0)
- MIN. 1.0(25.4)
- MIN. 0.375(9.5)
- MIN. 0.285(7.2)

### NOTES:
1. Reverse Recovery Time test condition: IF=0.5A, IR=1.0A, IRR=0.25A
2. Measured at 1MHz and applied reverse voltage of 4.0V D.C.