### Rotary, Two Position, Single Pole

**NTE Electronics, Inc.**
Voice (973) 748–5089  •  FAX (973) 748–6224  •  http://www.nteinc.com

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#### Specifications

- **Current Rating:** 6A 125VAC, 3A 250VAC, 1A 125VLL
- **Contact Resistance:** 20 Milliohms initial (max.)
- **Insulation Resistance:** 100 Megohms (min.) at 500VDC
- **Dielectric Strength:** 1000V RMS (min.) for 1 minute
- **Operation Force:** 400 plus/minus 200 gram
- **Temperature Rating:** +32° to +149°F (0° to +65°C)
- **Electrical Life:** 6000 cycles
- **Mechanical Life:** 50,000 cycles
- **Terminal Type:** 18 AWG, 6” length
- **Mounting Hole:** .393 (10.0)

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#### Table: Rotary, Two Position, Single Pole

<table>
<thead>
<tr>
<th>NTE Type No.</th>
<th>Circuitry</th>
<th>Action</th>
<th>Cylinder</th>
<th>Actuator</th>
<th>Diag No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>54–541</td>
<td>SPST</td>
<td>ON</td>
<td>Nylon 66</td>
<td>Nylon 66</td>
<td>S29a</td>
</tr>
<tr>
<td>54–542</td>
<td>SPST</td>
<td>ON</td>
<td>Steel</td>
<td>Brass Plated Steel</td>
<td>S29b</td>
</tr>
</tbody>
</table>

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#### Diagram: S29

- **a:** Plastic Cylinder
- **b:** Metal Cylinder

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**Dimensions:**

- 1.142 (29.0)
- 1.047 (26.6)
- .787 (20.0)
- .882 (22.4)
- .551 (14.0)
- .315 (8.0)
- .217 (5.5)
- .457 (11.6)
- .370 (9.4)
- .465 (11.8)
- .220 (5.6)