**GENERAL**
The CT10-XXXX-G1 is a reed switch based proximity sensor activated by the presence of a magnetic field. It is designed for SMD mounting.

**SPECIAL FEATURES**
- Ideal for SMD pick and place
- Rugged encapsulation
- Excellent lifetime and reliability
- Gold and sputtered ruthenium contact layers
- Tape and Reel packaging

**ELECTRICAL CHARACTERISTICS**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>CT10-XXXX-G1</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operate range *</td>
<td>10-40</td>
<td>AT</td>
</tr>
<tr>
<td>Release range *</td>
<td>n.d.</td>
<td>AT</td>
</tr>
<tr>
<td>Switched power max</td>
<td>10</td>
<td>VA</td>
</tr>
<tr>
<td>Switched current max</td>
<td>500</td>
<td>mA</td>
</tr>
<tr>
<td>Switched voltage max</td>
<td>200</td>
<td>VDC</td>
</tr>
<tr>
<td>Switched voltage max</td>
<td>140</td>
<td>VAC</td>
</tr>
<tr>
<td>Breakdown voltage min</td>
<td>230</td>
<td>VDC</td>
</tr>
<tr>
<td>Contact resistance max</td>
<td>115</td>
<td>mΩ</td>
</tr>
<tr>
<td>Insulation resistance</td>
<td>$1 \times 10^6$</td>
<td>MΩ</td>
</tr>
</tbody>
</table>

* Measured in 10jk Coil after modification.

**TEAPE & REEL**

**SAMPLE APPLICATIONS**
- Notebook computer covers
- Security system sensors
- Electric, gas metering
- Fluid flow sensor
- Level sensor
- Many more

**DIMENSIONS**

All dimensions in inches (mm)

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**SWITCHING?**

Think Coto Technology
Reed Switches, Relays and Sensors

Coto Technology
55 Dupont Drive
Providence, RI 02907
USA
1 (401) 943-2686
1 (401) 942-0920 (fax)
www.cotorelay.com

Coto Technology B.V.
Jan Camperstraat 5
6416SG Heerlen
The Netherlands
+31 (0)45 5439345
+31 (0)45 5427216 (fax)