# SOLENOID PRODUCT SPECIFICATION

<table>
<thead>
<tr>
<th>PART No.</th>
<th>VOLTAGE</th>
<th>DUTY CYCLE</th>
<th>POWER (W)</th>
<th>CURRENT (A)</th>
<th>DCR (Ω) *</th>
</tr>
</thead>
<tbody>
<tr>
<td>DSTL-0829-24</td>
<td>24 VDC</td>
<td>10%, 10sec On Max.</td>
<td>76</td>
<td>3.2</td>
<td>7.5</td>
</tr>
<tr>
<td>DSTL-0829-18</td>
<td>18 VDC</td>
<td>10%, 10sec On Max.</td>
<td>72</td>
<td>4</td>
<td>4.5</td>
</tr>
<tr>
<td>DSTL-0829-12</td>
<td>12 VDC</td>
<td>10%, 10sec On Max.</td>
<td>72</td>
<td>6</td>
<td>2</td>
</tr>
<tr>
<td>DSTL-0829-09</td>
<td>9 VDC</td>
<td>10%, 10sec On Max.</td>
<td>73</td>
<td>8.2</td>
<td>1.1</td>
</tr>
<tr>
<td>DSTL-0829-05</td>
<td>5 VDC</td>
<td>10%, 10sec On Max.</td>
<td>70</td>
<td>13.8</td>
<td>0.36</td>
</tr>
</tbody>
</table>

* OPERATION: POWER TO PULL
* DCR VALUES ARE ±10% AT 25°C
* WEIGHT ARE 102 GRAMS ±10%

1. MECHANICAL DIMENSIONS:

![Mechanical Dimensions Diagram]

UNIT: mm.
- A = 100±10
- B = 28.956 MAX
- C = 9.5±.25
- D = 811.4±.05
- E = 67.2±.08
- F = 19.05±.51
- G = 4.78±.25
- H = 62.43±.08
- I = 7.56±.5
- J = 62.4±.5
- K = 22.2±.5
- L = 4.6±.5

UNSPECIFIED TOLERANCES
DIMENSION
- X : ±.5
- XX : ±.25
- ANGLE : ±1°

Connector: TYCO
HOUSING: AMP 179228-2
CONTACT PIN: AMP 179227-1
CABLE: AWG 24 UL 1007

INSULATION MATERIALS: UL CONSTRUCTION, CLASS B 130°C
LIFE EXPECTANCY: 100K CYCLES OPERATIONS

## TEST RESULTS

<table>
<thead>
<tr>
<th>LAYER TEST</th>
<th>IR. 500 Vdc</th>
<th>HI-POT</th>
</tr>
</thead>
<tbody>
<tr>
<td>(S-F) : 2kVp. Min.</td>
<td>COIL TO CASE</td>
<td>Ø30/50Hz, 2mA</td>
</tr>
<tr>
<td>TEST ONLY COIL</td>
<td>50 KΩMIN.</td>
<td>COIL TO CASE</td>
</tr>
<tr>
<td>LIFE</td>
<td>1048Vac, 60s</td>
<td></td>
</tr>
</tbody>
</table>