

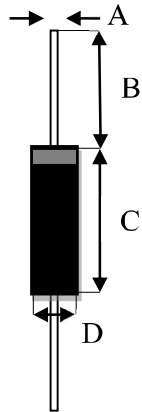


<p style="text-align: center;"><u>Axial Lead</u></p>  <div style="text-align: center; margin-top: 10px;">  </div>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr style="background-color: #e1f5fe;"> <th colspan="2" style="text-align: left; padding: 5px;">Features</th> </tr> <tr> <td colspan="2" style="padding: 5px;"> <ul style="list-style-type: none"> <li>Low forward voltage drop</li> <li>PI passivation for dielectric isolation</li> <li>Fz silicon for High reliability/resistivity</li> <li>Fully vertically integrated manufacturing</li> <li>&lt;45kv for High performance ignition</li> <li>Suitable for CNG engine ignition</li> <li>Small footprint and physical size</li> <li>Available in Ag or Sn plated leads</li> <li>High surge (IFSM) capability</li> <li>Suffix “F” indicates halogen free</li> </ul> </td> </tr> <tr style="background-color: #e1f5fe;"> <th colspan="2" style="text-align: left; padding: 5px;">Mechanical Data</th> </tr> <tr> <td colspan="2" style="padding: 5px;"> <ul style="list-style-type: none"> <li>Case : Axial lead, Molded plastic</li> <li>Terminal: Pure tin or silver plated, lead free</li> <li>Polarity : Indicated by cathode band</li> </ul> </td> </tr> </table>	Features		<ul style="list-style-type: none"> <li>Low forward voltage drop</li> <li>PI passivation for dielectric isolation</li> <li>Fz silicon for High reliability/resistivity</li> <li>Fully vertically integrated manufacturing</li> <li>&lt;45kv for High performance ignition</li> <li>Suitable for CNG engine ignition</li> <li>Small footprint and physical size</li> <li>Available in Ag or Sn plated leads</li> <li>High surge (IFSM) capability</li> <li>Suffix “F” indicates halogen free</li> </ul>		Mechanical Data		<ul style="list-style-type: none"> <li>Case : Axial lead, Molded plastic</li> <li>Terminal: Pure tin or silver plated, lead free</li> <li>Polarity : Indicated by cathode band</li> </ul>																					
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Parameter	Test Condition		Symbol	Spec.	Unit
Forward Voltage Drop	$T_J=25^\circ\text{C}$	$I_F=10\text{mA}$	$V_F$	60.0	V
Reverse Leakage Current	$T_J=25^\circ\text{C}$	$V_R=V_{RRM}$	$I_R$	10.0	uA

**Package Outline Dimensions**



Dim.	Inches		Millimeters	
	Min.	Max.	Min.	Max.
A	0.030	0.033	0.77	0.83
B	1.023	-	26.0	-
C	0.583	0.598	14.8	15.2
D	0.157	0.173	4.0	4.4

Marking Code: T77

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