
		<div>Features</div> <ul style="list-style-type: none"><li>• High Voltage Ignition Application</li><li>• RoHS Compliant</li><li>• WEEE 2002/96/EC Compliant</li><li>• Low forward voltage drop</li><li>• Low leakage current</li><li>• High reliability</li><li>• High forward surge capability</li><li>• High current capability</li><li>• Small size</li><li>• Suffix “L” indicates 6.5mm body length</li><li>• Suffix “F” indicates halogen</li></ul> <div></div>																									
<div>Primary Characteristics</div> <table><tr><td><math>V_Z</math></td><td>1600 ~ 2500V</td></tr><tr><td><math>V_R</math></td><td>1500V</td></tr><tr><td><math>I_{F(AV)}</math></td><td>30mA</td></tr><tr><td><math>V_F</math></td><td>2.0V</td></tr><tr><td><math>I_{FSM}</math></td><td>3A</td></tr><tr><td><math>T_J</math> max.</td><td>-40 ~ +150 °C</td></tr></table>		$V_Z$	1600 ~ 2500V	$V_R$	1500V	$I_{F(AV)}$	30mA	$V_F$	2.0V	$I_{FSM}$	3A	$T_J$ max.	-40 ~ +150 °C	<div>Mechanical Data</div> <ul style="list-style-type: none"><li>• Case : Molded plastic<ul style="list-style-type: none"><li>■ Body Diameter 2.5mm</li><li>■ Lead Diameter 0.5mm</li><li>■ Body Length 6.5mm</li></ul></li><li>• Terminal: Pure tin 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	$T_J=25^{\circ}\text{C}$	$I_F=10\text{mA}$	$V_F$	2.0	V
Reverse Leakage Current	$T_J=25^{\circ}\text{C}$	$V_R=V_{RRM}$	$I_R$	10	uA
Reverse Breakdown Voltage	$T_J=25^{\circ}\text{C}$	$I_R=100\text{uA}$	$V_Z$	1.6~2.5	KV

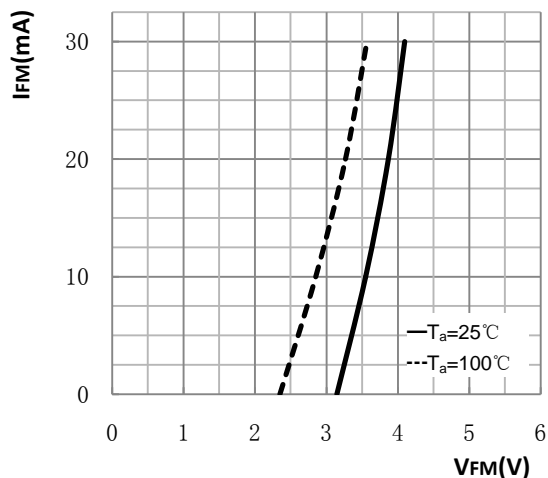


Figure 1. Forward characteristics

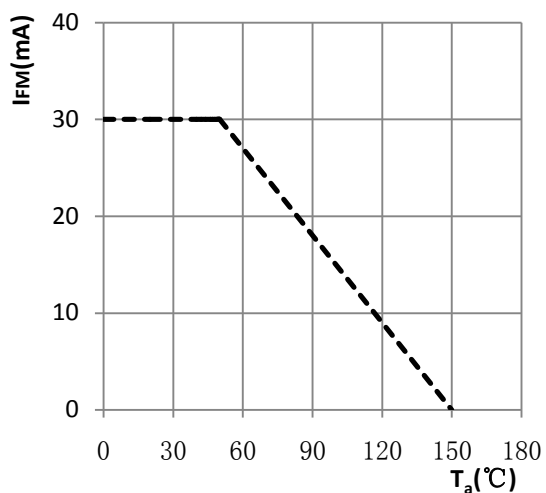


Figure 2.  $I_F$ --- $T_a$  Derating

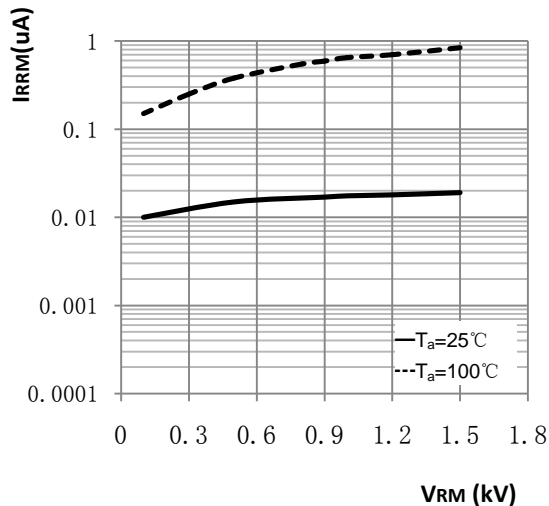
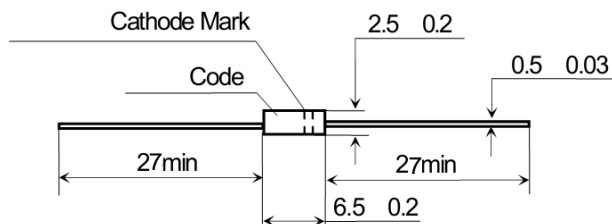


Figure 3. Reverse characteristics

## Package Outline Dimensions



Marking Code: T0302

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