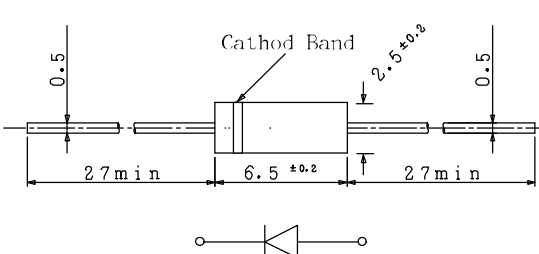


<p><b>Package Outline Dimensions</b></p> 	<p><b>Features</b></p> <ul style="list-style-type: none"> <li>• ROHS compliant</li> <li>• Halogen-free, per IEC61249-2-21</li> <li>• WEEE 2002/96/EC compliant</li> <li>• Low forward voltage drop</li> <li>• Low leakage current</li> <li>• High forward surge capability</li> <li>• High current capability</li> </ul> <p><b>Mechanical data</b></p> <ul style="list-style-type: none"> <li>• Case: Axial-leaded, molded plastic</li> <li>• Epoxy meets UL 94 V-0 flammability rating</li> <li>• Terminals: Tin plated leads.</li> <li>• Polarity: As marked</li> </ul>
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Maximum rating (Ta=25°C unless otherwise noted)			
Parameter	Symbol	SPAL00315LF	Unit
Max. repetitive peak reverse voltage	$V_{RRM}$	1500	V
Max. RMS reverse voltage	$V_{RMS}$	1060	V
Max. DC blocking voltage	$V_{DC}$	1500	V
Max. average forward current	$I_{F(AV)}$	30	mA
Non-repetitive peak forward surge current 10ms single half sine-wave	$I_{FSM}$	3	A
Max. instantaneous forward voltage at $I_F=10mA$ ,	$V_{FM}$	2.0	V
Max. instantaneous reverse current at $V_R=V_{RM}$	$I_{RM}$	10	$\mu A$
Reverse breakdown voltage at $I_R=100\mu A$	$V_Z$	1600~2500	V
Operating junction temperature	$T_J$	-55 ~ +175	°C
Storage temperature	$T_{STG}$	-55 ~ +190	°C

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