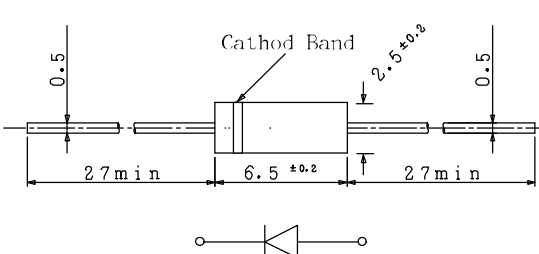


<p><b>DO-15 (DO-204AC)</b></p> 	<p><b>Features</b></p> <ul style="list-style-type: none"> <li>• ROHS compliant</li> <li>• Low forward voltage drop</li> <li>• Low leakage current</li> <li>• High forward surge capability</li> <li>• High current capability</li> </ul> <p><b>Mechanical data</b></p> <ul style="list-style-type: none"> <li>• Case: DO-15(DO-204AC) 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	SPAL00340	Unit
Max. repetitive peak reverse voltage	$V_{RRM}$	4000	V
Max. RMS reverse voltage	$V_{RMS}$	2800	V
Max. DC blocking voltage	$V_{DC}$	4000	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 $I_F=10mA$ ,	$V_{FM}$	8.0	V
Max. instantaneous reverse current at $V_R=V_{RM}$	$I_{RM}$	10	$\mu A$
Reverse breakdown voltage at $I_R=100\mu A$	$V_Z$	4500~8000	V
Operating junction temperature	$T_J$	-40 ~ +150	°C
Storage temperature	$T_{STG}$	-40 ~ +150	°C

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