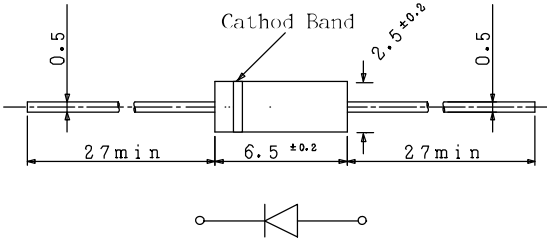



Package Outline Dimensions	Features	
	<ul style="list-style-type: none"> • ROHS compliant • Halogen-free, per IEC61249-2-21 • WEEE 2002/96/EC compliant • Low forward voltage drop • Low leakage current • High forward surge capability • High current capability <div style="text-align: right;">  </div>	
	<th data-bbox="805 556 1409 588">Mechanical data</th>	Mechanical data
	<ul style="list-style-type: none"> • Case: Axial-leaded, molded plastic • Epoxy meets UL 94 V-0 flammability rating • Terminals: Tin plated leads. • Polarity: As marked 	

Maximum rating (Ta=25°C unless otherwise noted)			
Parameter	Symbol	SPAL00340LF	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	μA
Reverse breakdown voltage at $I_R=100\mu A$	V_Z	4500~8000	V
Operating junction temperature	T_J	-55 ~ +175	°C
Storage temperature	T_{STG}	-55 ~ +190	°C

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