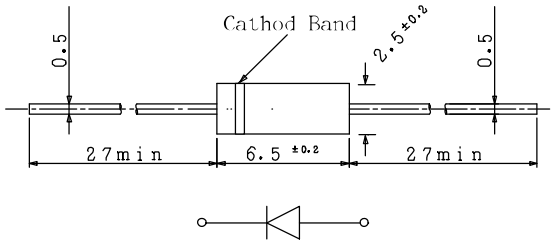
Package Outline Dimensions



Features

- 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

Mechanical data

- 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	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	μA
Reverse breakdown voltage at I_R=100μA	V_Z	1600~2500	V
Operating junction temperature	T_J	-55 ~ +175	°C
Storage temperature	T_{STG}	-55 ~ +190	°C

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