

POWER DISCRETES

Description

Quick reference data

$V_R = 2500V - 15000V$

$I_F = 0.5A$

$I_r = 5\mu A$

$I_{FSM} = 35A$

Features

- ◆ Low forward voltage drop
- ◆ Low reverse leakage current
- ◆ High thermal shock resistance

Electrical Specifications

Electrical specifications @ $T_A = 25^\circ C$ unless otherwise specified.

Device Types	V_{RWM}	$I_{F(AV)}$ $T_A = 25^\circ C$	$I_{F(AV)}$ $T_A = 55^\circ C$	I_{FRM}	I_{FSM}	$I_R @ V_{RWM}$ $T_A = 25^\circ C$	$I_R @ V_{RWM}$ $T_A = 100^\circ C$	$V_f @ I_{F(AV)}$ $T_A = 25^\circ C$	t_{tr}	Dim "C" (See Table G21)
	Volts	Amps	Amps	Amps	Amps	μA	μA	Volts	ns	Inches
SLF2500	2500	0.5	0.5	10	35	5	100	4	300	1.145
SLF5000	5000	0.5	0.5	10	35	5	100	7.5	300	1.145
SLF10000	10000	0.5	0.5	10	35	5	100	15	300	2.020
SLF15000	15000	0.5	0.5	10	35	5	100	22.5	300	2.770

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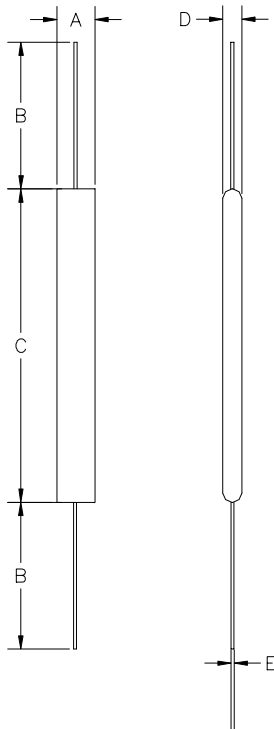
Ordering Information

Part Number	Description
SLF2500 SLF5000 SLF10000 SLF15000	Axial lead ⁽¹⁾

Note:

(1) Available in trays. Please consult factory for quantities.

Outline Drawing



G21

DIM ^N	DIMENSIONS				NOTE
	INCHES		MM		
	MIN	MAX	MIN	MAX	
A	-	.52	-	13.2	-
B	2.00	-	50.8	-	-
C	SEE TABLE (Page 1)				
D	-	.26	-	6.6	-
E	.048	.054	1.22	1.37	-