



# BAS70LP

## 70 mA Schottky Rectifier 70 Volts

### Features

- Small surface mounting type
- Epoxy meets UL 94 V-0 flammability rating
- Moisture Sensitivity Level 1
- Low forward voltage and high breakdown voltage
- Lead Free Finish/RoHS Compliant("P" Suffix designates RoHS Compliant. See ordering information)
- Marking: S5
- Halogen free available upon request by adding suffix "-HF"

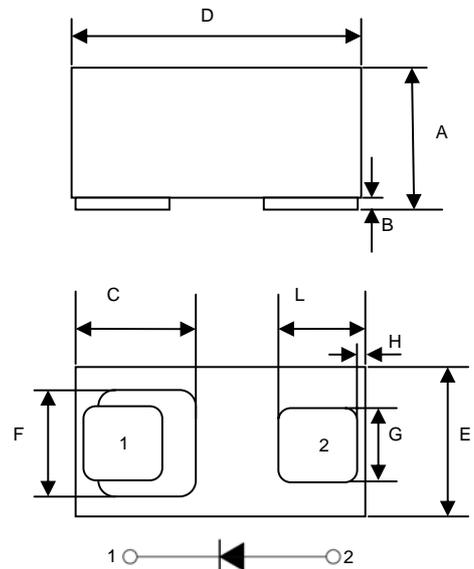
### Maximum Ratings

Symbol	Rating	Rating	Unit
$V_R$	DC Reverse Voltage	70	V
$I_F$	Continuous Forward Current	70	mA
$I_{FSM}$	Peak Forward Surge Current	100	mA
$T_J$	Junction Temperature	125	°C
$T_{STG}$	Storage Temperature	-55 to +125	°C

### Electrical Characteristics @ 25°C Unless Otherwise Specified

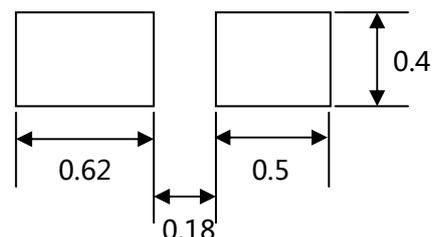
Symbol	Parameter	Min	Typ	Max	Units
$V_F$	Forward Voltage ( $I_F=1mA_{dc}$ )	---	---	0.41	Vdc
	( $I_F=15mA_{dc}$ )	---	---	1.0	Vdc
$I_R$	Reverse Current ( $V_R=50V_{dc}$ )	---	---	100	$\mu A_{dc}$

### SOD-882



DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.018	0.022	0.45	0.55	
B	0.000	0.003	0.01	0.07	
C	0.019REF.		0.470REF.		
D	0.037	0.041	0.95	1.05	
E	0.022	0.026	0.55	0.65	
F	0.017 REF.		0.420 REF.		
G	0.011	0.015	0.27	0.37	
H	0.001 REF.		0.030 REF.		
L	0.013	0.017	0.34	0.44	

### Suggested Solder Pad Layout





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## Ordering Information

Device	Packing
(Part Number)-TP	Tape&Reel;10Kpcs/Reel

Note : Adding "-HF" suffix for halogen free, eg. Part Number-TP-HF

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