



Micro Commercial Components

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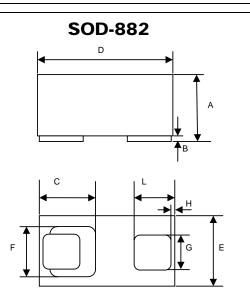
### **Features**

- 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

Maximum Ratings				
Symbol	Rating	Rating	Unit	
V <sub>R</sub>	DC Reverse Voltage	70	V	
I <sub>F</sub>	Continuous Forward Current	70	mA	
I <sub>FSM</sub>	Peak Forward Surge Current	100	mA	
TJ	Junction Temperature	125	°C	
T <sub>STG</sub>	Storage Temperature	-55 to +125	°C	

## BAS70LP

70 mA Schottky Rectifier 70 Volts



### Electrical Characteristics $@\,25^\circ C$ Unless Otherwise Specified

Symbol	Parameter	Min	Тур	Max	Units
V <sub>F</sub>	Forward Voltage (I <sub>F</sub> =1mAdc) (I <sub>F</sub> =15mAdc)			0.41 1.0	Vdc Vdc
I <sub>R</sub>	Reverse Current (V <sub>R</sub> =50Vdc)			100	uAdc

DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	NOTE
А	0.018	0.022	0.45	0.55	
В	0.000	0.003	0.01	0.07	
С	0.018	REF.	0.450	REF.	
D	0.037	0.041	0.95	1.05	
Е	0.022	0.026	0.55	0.65	
F	0.016	REF.	0.400	REF.	
G	0.011	0.013	0.275	0.325	
Н	0.000	REF.	0.010	REF.	
L	0.011	0.013	0.275	0.325	

## www.mccsemi.com



### **Ordering Information**

Device	Packing
(Part Number)-TP	Tape&Reel5Kpcs/Reel

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