



Micro Commercial Components
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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

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
		---	---	1.0	Vdc
I _R	Reverse Current (V _R =50Vdc)	---	---	100	uA _{dc}

SOD-882

DIMENSIONS

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	0.018REF.		0.450REF.		
D	0.037	0.041	0.95	1.05	
E	0.022	0.026	0.55	0.65	
F	0.016 REF.		0.400 REF.		
G	0.011	0.013	0.275	0.325	
H	0.000 REF.		0.010 REF.		
L	0.011	0.013	0.275	0.325	



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Ordering Information

Device	Packing
(Part Number)-TP	Tape&Reel;5Kpcs/Reel

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