

BAS70WT THRU BAS70WT-06

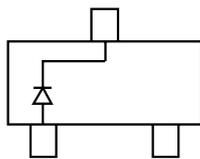
200mW Schottky Barrier Rectifiers 70 Volts

Features

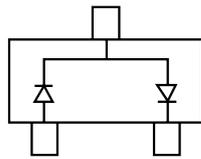
- Low Turn-on Voltage
- Fast Switching
- Ultra-Small Surface Mount Package
- Forward Continuous Current: 70mA @ Ta= 25°C
- Operating Temperature Range Tj: -55 to +125°C
- Storage Temperature Range Tstg: -65 to +150°C
- Halogen free available upon request by adding suffix "-HF"
- Lead Free Finish/Rohs Compliant ("P" Suffix designates RoHS Compliant. See ordering information)

Mechanical Data

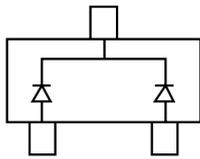
- Epoxy meets UL 94 V-0 flammability rating
- Moisture Sensitivity Level 1
- Marking Code: BAS70WT=K73
 BAS70WT-04=K74
 BAS70WT-05=K75
 BAS70WT-06=K76



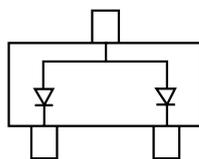
BAS70WT



BAS70WT-04

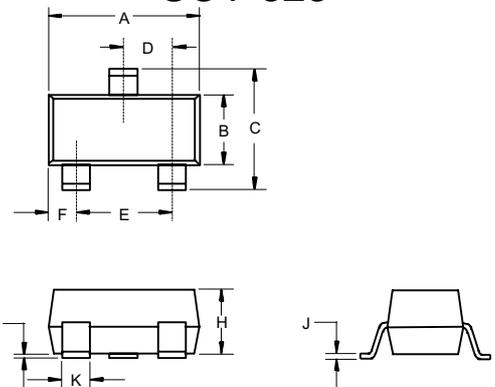


BAS70WT-05



BAS70WT-06

SOT-323

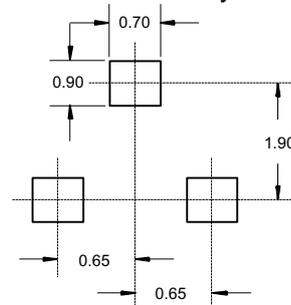


DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	.071	.087	1.80	2.20	
B	.045	.053	1.15	1.35	
C	.083	.096	2.10	2.45	
D	.026 Nominal		0.65Nominal		
E	.047	.055	1.20	1.40	
F	.012	.016	.30	.40	
G	.000	.004	.000	.100	
H	.035	.039	.90	1.00	
J	.004	.010	.100	.250	
K	.006	.016	.15	.40	

Electrical Characteristics @ 25°C Unless Otherwise Specified

Symbol	Parameter	Min	Typ	Max	Units
V _{(BR)R}	Reverse Breakdown Voltage (I _R =10µAdc)	70	---	---	V
V _F	Forward Voltage I _F =1.0mAdc I _F =15mAdc	---	---	410 1000	mV
I _R	Leakage Current (V _R =50Vdc)	---	---	100	nA
C _D	Junction Capacitance (V _R =0, f=1.0MHz)	---	---	2.0	pF
t _{rr}	Reverse Recovery Time (I _F =10mA through I _R =10mA to I _R =1.0mA)	---	---	5.0	ns

Suggested Solder Pad Layout





TM

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Ordering Information :

Device	Packing
Part Number-TP	Tape&Reel: 3Kpcs/Reel

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

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