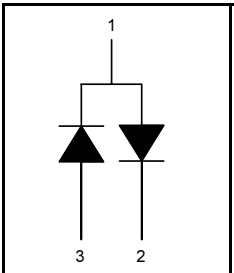
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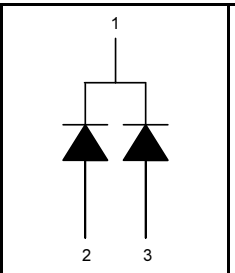
BAS7004TA

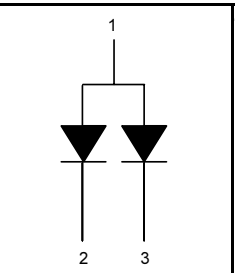
SOT23 SILICON PLANAR DUAL SCHOTTKY BARRIER DIODES

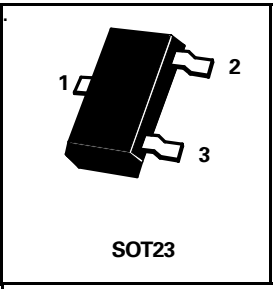
BAS70-04
BAS70-05
BAS70-06

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SOT23

SERIES PAIR	**COMMON CATHODE**	**COMMON ANODE**
Device Type: BAS70-04	Device Type: BAS70-05	Device Type: BAS70-06
Partmarking Detail: 2Z	Partmarking Detail: 2Z5	Partmarking Detail: 1Z

ABSOLUTE MAXIMUM RATINGS.

PARAMETER	SYMBOL	VALUE	UNIT
Power Dissipation at T_{amb}=25°C	P_{tot}	330	mW
Operating and Storage Temperature Range	T_j:T_{stg}	-55 to +150	°C

ELECTRICAL CHARACTERISTICS (at T_{amb} = 25°C unless otherwise stated).

PARAMETER	SYMBOL	MIN.	MAX.	UNIT	CONDITIONS.
Breakdown Voltage	V_{BR}	70		V	I_R=10μA
Reverse Leakage Current	I_R		200	nA	V_R=50V
Forward Voltage	V_F		410	mV	I_F=1mA
Forward Current	I_F	15		mA	V_F=1V
Capacitance	C_T		2.0	pF	f=1MHz, V_R=0
Effective Minority Lifetime (1)	τ		100	ps	f=54MHz, I_{pk}= 20mA (Krakauer Test Method)

(1) Sample Test

For typical characteristics graphs see ZC2800E datasheet.

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