



Micro Commercial Components



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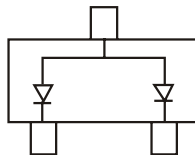
BAW156

250mW 75Volt s
Dual Switching Diode

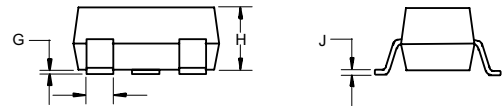
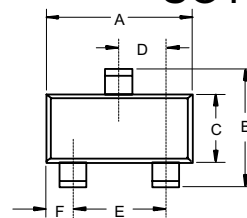
Features

- Low leakage current: typ. 3pA
Switching time: typ. 0.8s
Continuous reverse voltage:max.75V
Repetitive peak reverse voltage:max.85V
Repetitive peak forward current: max. 500mA.
Lead Free Finish/Rohs Compliant ("P" Suffix designates RoHS Compliant. See ordering information)
Epoxy meets UL 94 V-0 flammability rating
Moisture Sensitivity Level 1

Pin Configuration
Top View
Marking:JZ



SOT-23



Maximum Ratings

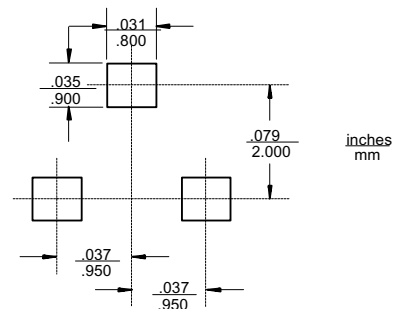
- Operating Temperature Range: -65°C to +150°C
Storage Temperature Range: -65°C to +150°C

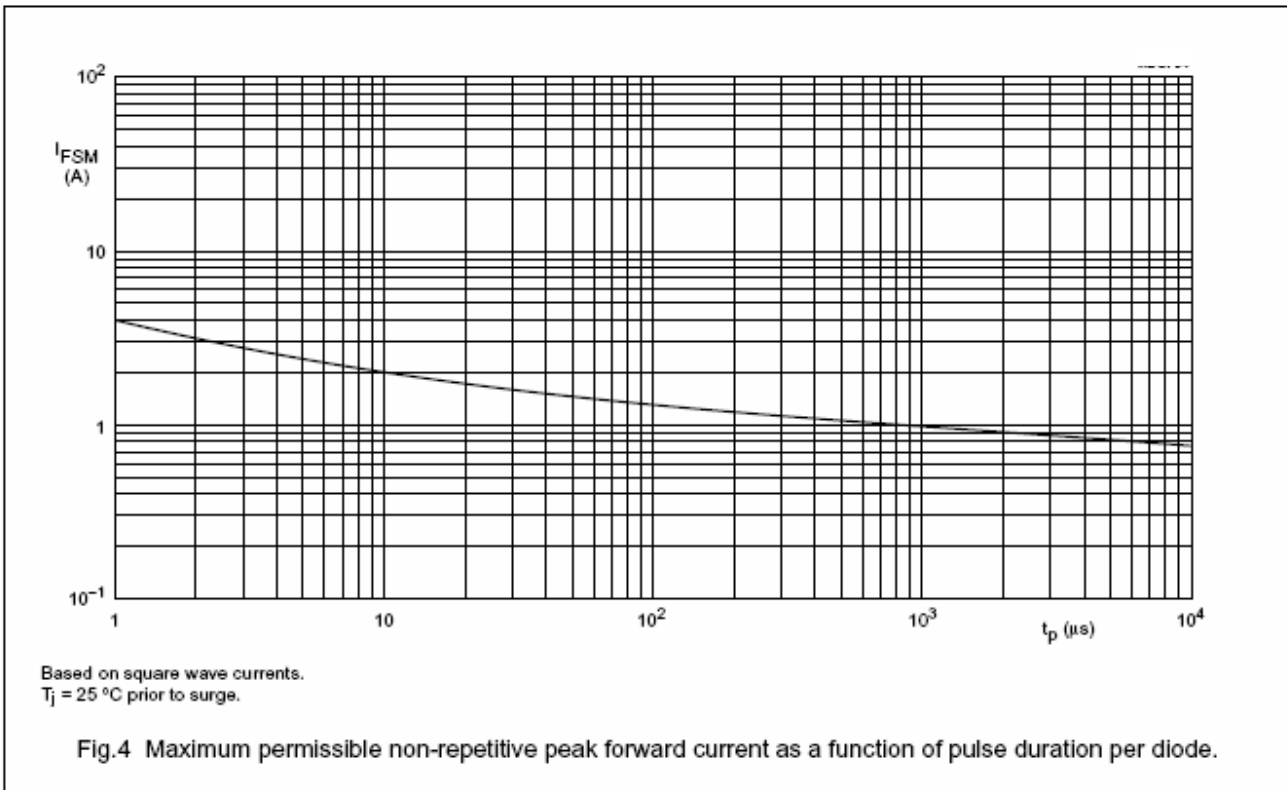
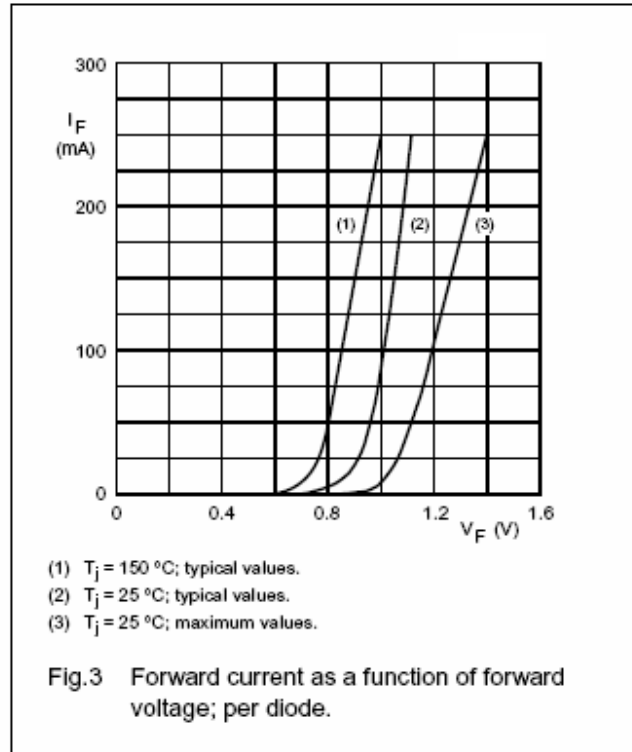
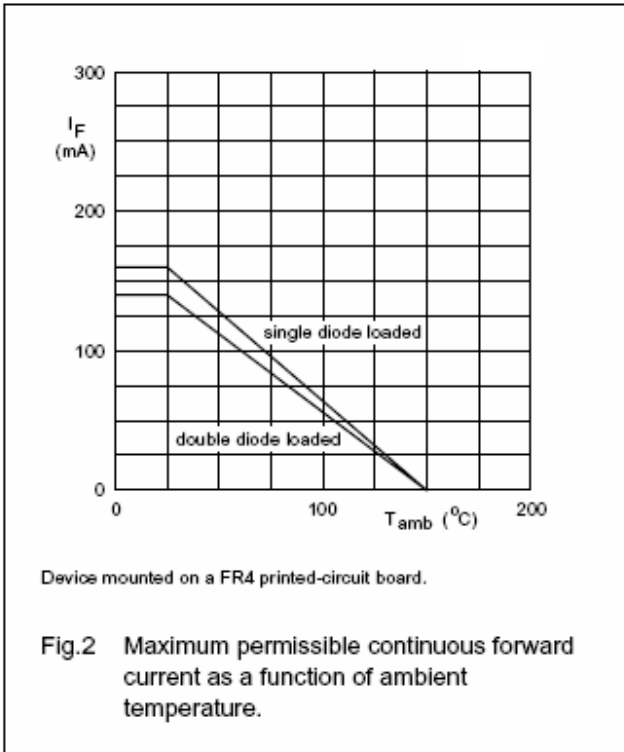
Electrical Characteristics @ 25°C Unless Otherwise Specified

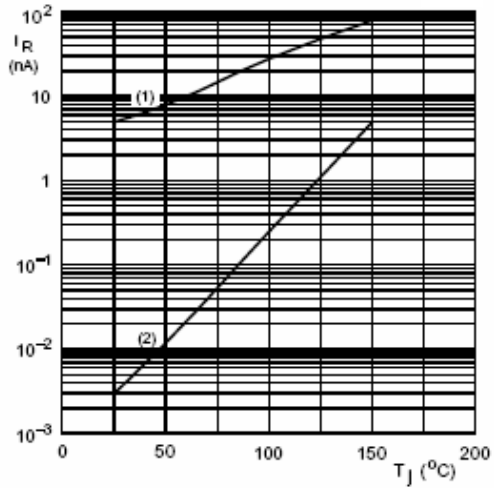
Table with 4 columns: Parameter, Symbol, Value, and Test Conditions. Rows include Reverse Voltage (VR=75V), Peak Forward Current (IFM=160mA), Power Dissipation (Pd=250mW), Maximum Instantaneous Forward Voltage (VF=900mV to 1250mV), Maximum DC Reverse Current (IR=5nA), Diode Capacitance (CD=3pF), and Reverse Recovery Time (trr=3uS).

Dimension table with columns: DIM, INCHES (MIN, MAX), MM (MIN, MAX), and NOTE. Dimensions A through K are listed with their respective min and max values in inches and mm.

Suggested Solder Pad Layout

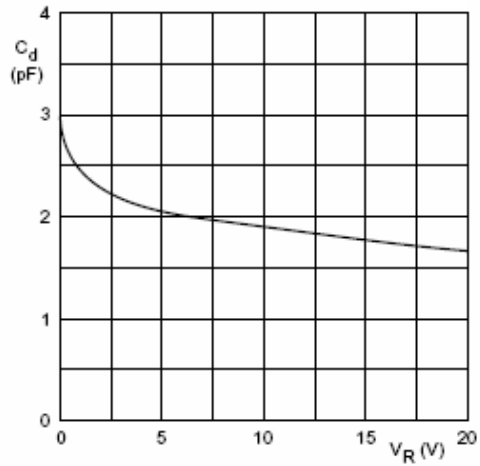






$V_R = 75 \text{ V.}$

Fig.5 Reverse current as a function of junction temperature; per diode.



$f = 1 \text{ MHz; } T_J = 25 \text{ }^\circ\text{C.}$

Fig.6 Diode capacitance as a function of reverse voltage; per diode; typical values.

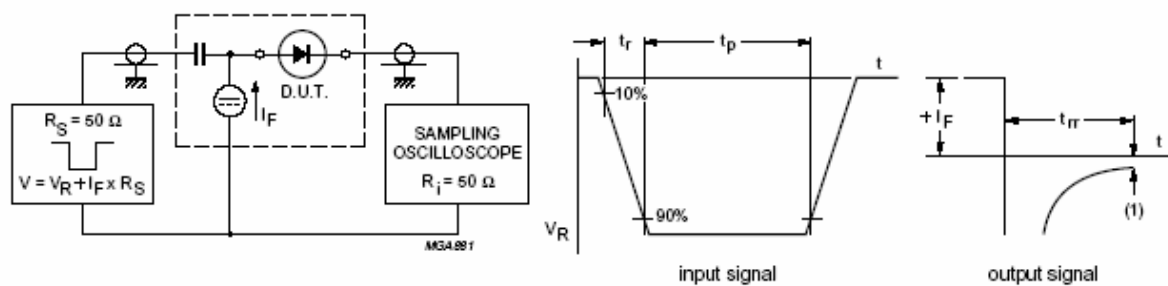


Fig.7 Reverse recovery time test circuit and waveforms.



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Ordering Information :

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

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