



Micro Commercial Components



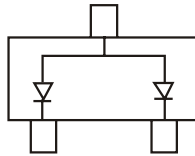
Micro Commercial Components
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BAW156

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



250mW 75Volt s Dual Switching Diode

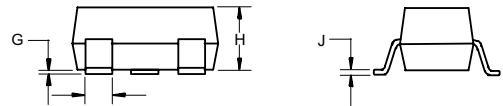
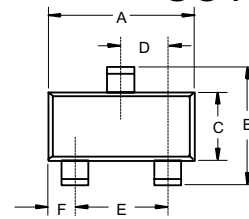
Maximum Ratings

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

Electrical Characteristics @ 25°C Unless Otherwise Specified

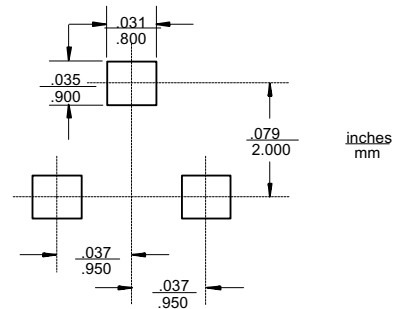
| | | | |
|---|----------|-------------------------------------|---|
| Reverse Voltage | V_R | 75V | |
| Peak Forward Current | I_{FM} | 160mA | |
| Power Dissipation | P_d | 250mW | |
| Maximum Instantaneous Forward Voltage | V_F | 900mV 1000mV 1100mV 1250mV | $I_{FM} = 1mA;$ $I_{FM} = 10mA$ $I_{FM} = 50mA$ $I_{FM} = 150mA$ |
| Maximum DC Reverse Current At Rated DC Blocking Voltage | I_R | 5nA | $V_R=75V$ |
| Diode Capacitance | C_D | 3pF | Measured at 1.0MHz, $V_R=0V$ |
| Reverse Recovery Time | t_{rr} | 3uS | $I_F=I_R=10mA$ $R_L=100\Omega$ |

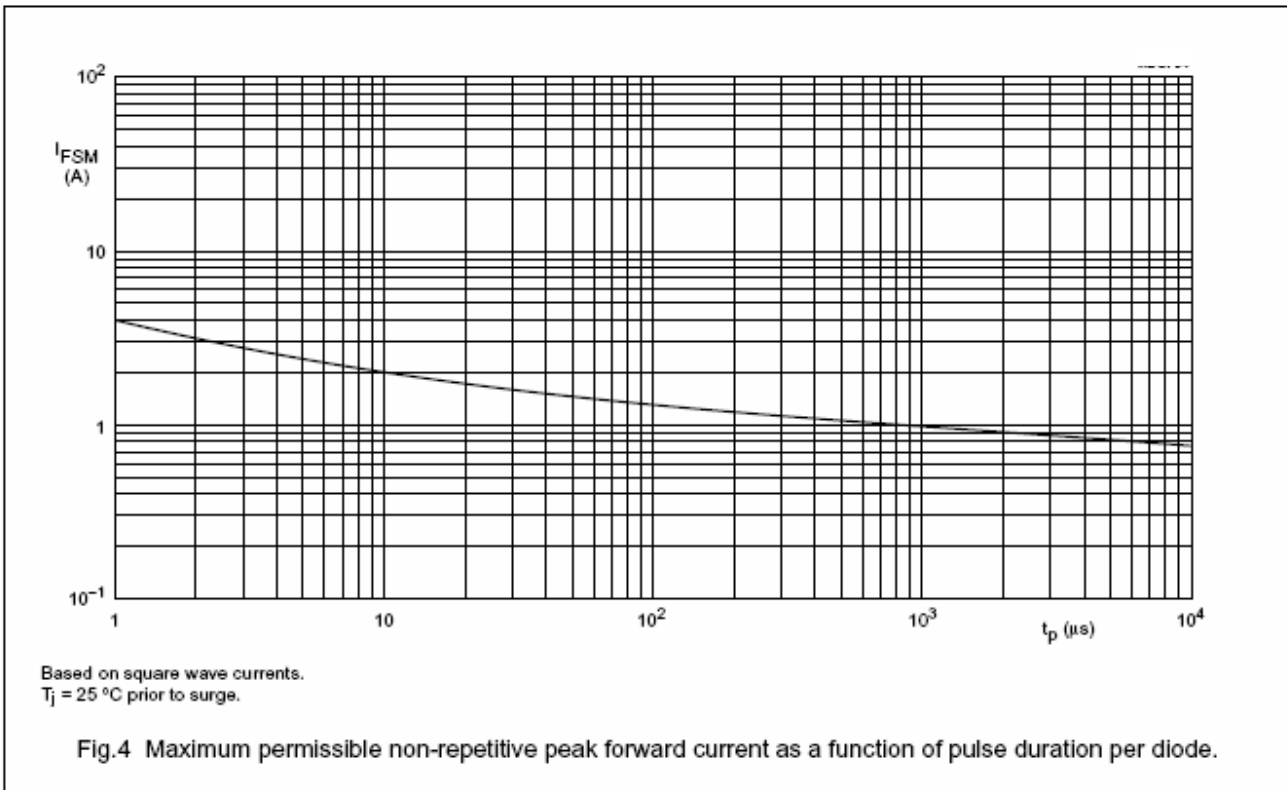
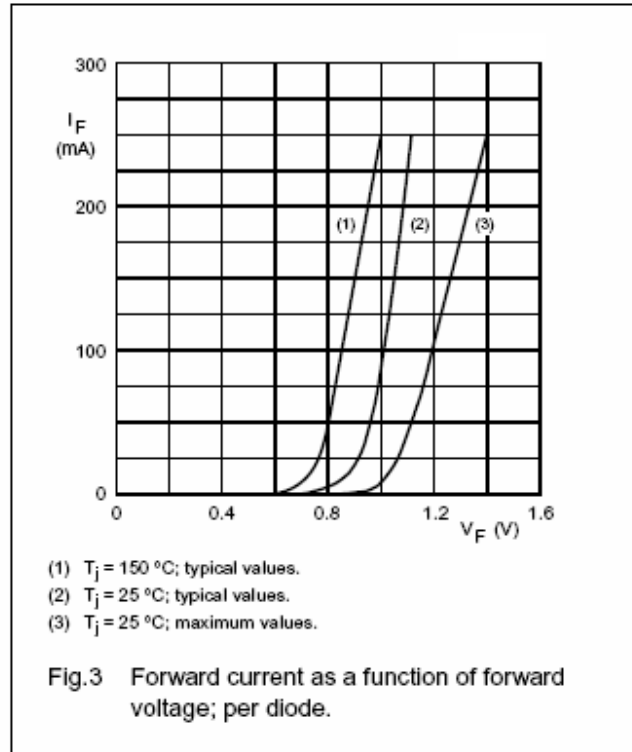
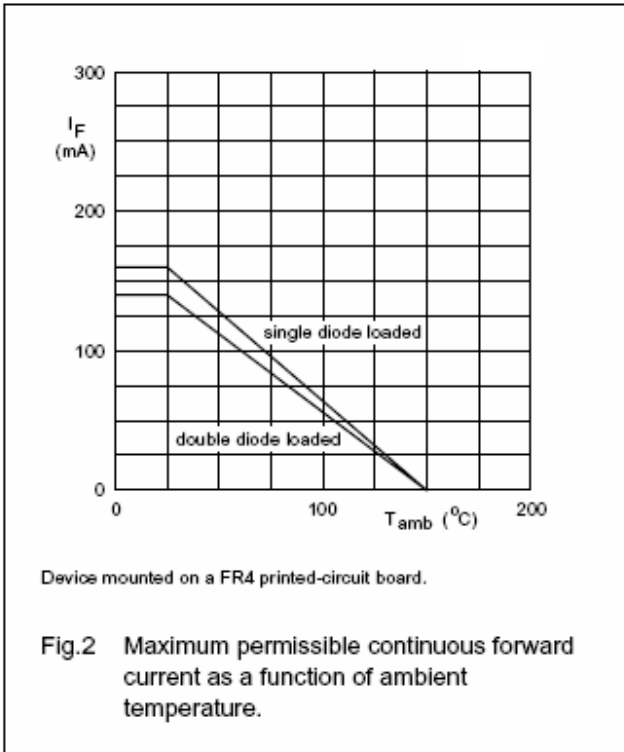
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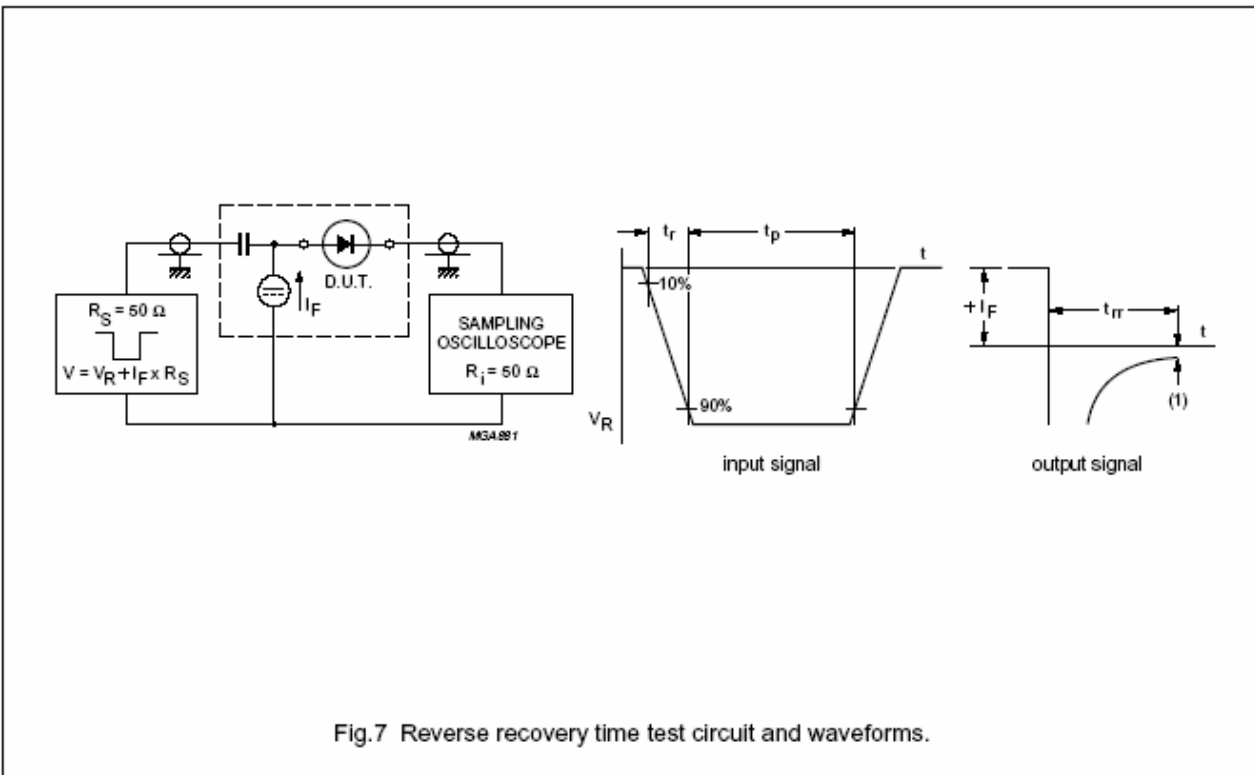
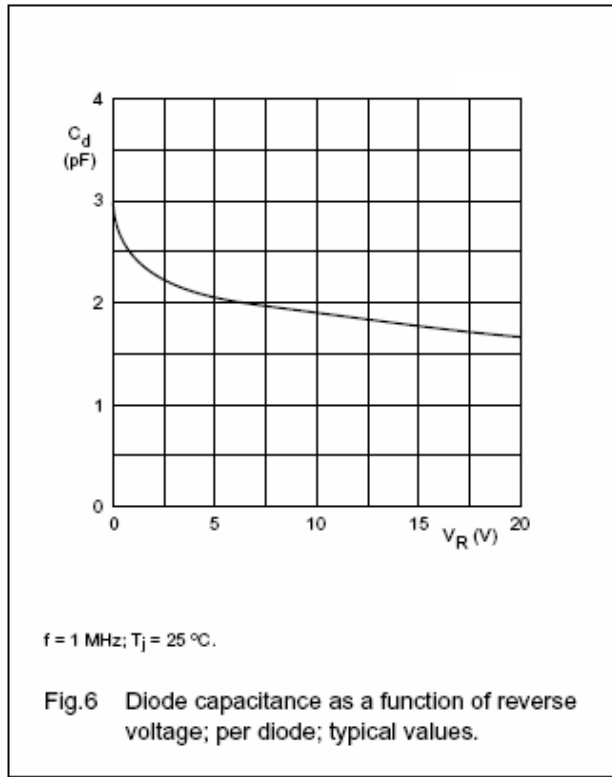
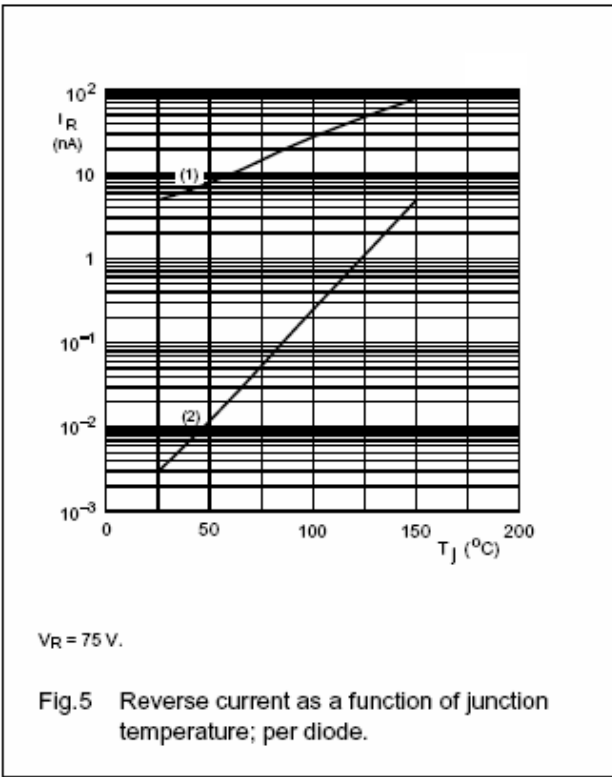


| DIM | INCHES | | MM | | NOTE |
|-----|--------|-------|------|------|------|
| | MIN | MAX | MIN | MAX | |
| A | .110 | .120 | 2.80 | 3.04 | |
| B | .083 | .098 | 2.10 | 2.64 | |
| C | .047 | .055 | 1.20 | 1.40 | |
| D | .035 | .041 | .89 | 1.03 | |
| E | .070 | .081 | 1.78 | 2.05 | |
| F | .018 | .024 | .45 | .60 | |
| G | .0005 | .0039 | .013 | .100 | |
| H | .035 | .044 | .89 | 1.12 | |
| J | .003 | .007 | .085 | .180 | |
| K | .015 | .020 | .37 | .51 | |

Suggested Solder Pad Layout









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Ordering Information :

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

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