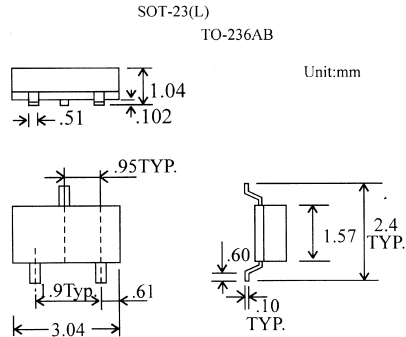




CHENYI ELECTRONICS

# BZX84C-SERIES

## SURFACE MOUNT ZENER DIODES



| 350mW     | Cross-Reference | Marking Code | Nominal Zen.V1tg | Dynamic Imped. | Test Current | Dynamic Imped. | Test Current | Temp Coeff. | Rev. Current | Test Voltage | Package |
|-----------|-----------------|--------------|------------------|----------------|--------------|----------------|--------------|-------------|--------------|--------------|---------|
| Part No.  |                 |              | @Izt             | @Izt           |              | @Izk           |              | @Izt        | @Vr          |              |         |
|           |                 |              | Vz(V)            | Zzt( Ω )       | Izt(mA)      | Zzk( Ω )       | Izk(mA)      | avz(%/k)    | Ir(uA)       | Vr(V)        | Reel    |
| BZX84C2V7 | MMBZ5223B       | Z12          | 2.5-2.9          | 100            | 5            | 600            | 1.0          | -0.065      | 20.00        | 1.0          | 3000    |
| BZX84C3   | MMBZ5225B       | Z13          | 2.8-3.2          | 95             |              | 600            |              | -0.060      | 10.00        | 1.0          |         |
| BZX84C3V3 | MMBZ5226B       | Z14          | 3.1-3.5          | 95             |              | 600            |              | -0.055      | 5.00         | 1.0          |         |
| BZX84C3V6 | MMBZ5227B       | Z15          | 3.4-3.8          | 90             |              | 600            |              | -0.055      | 3.00         | 1.0          |         |
| BZX84C3V9 | MMBZ5228B       | Z16          | 3.7-4.1          | 90             |              | 600            |              | -0.050      | 3.00         | 1.0          |         |
| BZX84C4V3 | MMBZ5229B       | Z17          | 4.0-4.6          | 90             |              | 600            |              | -0.035      | 3.00         | 1.0          |         |
| BZX84C4V7 | MMBZ5230B       | Z1           | 4.4-5.0          | 80             |              | 500            |              | -0.015      | 2.00         | 2.0          |         |
| BZX84C5V1 | MMBZ5231B       | Z2           | 4.8-5.4          | 60             |              | 480            |              | +0.005      | 1.00         | 2.0          |         |
| BZX84C5V6 | MMBZ5232B       | Z3           | 5.2-6.0          | 40             |              | 400            |              | +0.020      | 3.00         | 2.0          |         |
| BZX84C6V2 | MMBZ5234B       | Z4           | 5.8-6.6          | 10             |              | 150            |              | +0.030      | 2.00         | 4.0          |         |
| BZX84C6V8 | MMBZ5235B       | Z5           | 6.4-7.2          | 15             |              | 80             |              | +0.045      | 1.00         | 4.0          |         |
| BZX84C7V5 | MMBZ5236B       | Z6           | 7.0-7.9          | 15             |              | 80             |              | +0.050      | 0.70         | 5.0          |         |
| BZX84C8V2 | MMBZ5237B       | Z7           | 7.7-8.7          | 15             |              | 80             |              | +0.055      | 0.50         | 5.0          |         |
| BZX84C9V1 | MMBZ5239B       | Z8           | 8.5-9.6          | 15             |              | 100            |              | +0.065      | 0.20         | 6.0          |         |
| BZX84C10  | MMBZ5240B       | Z9           | 9.4-10.6         | 20             |              | 150            |              | +0.065      | 0.10         | 7.0          |         |
| BZX84C11  | MMBZ5241B       | Y1           | 10.4-11.6        | 20             |              | 150            |              | +0.070      | 0.10         | 8.0          |         |
| BZX84C12  | MMBZ5242B       | Y2           | 11.4-12.7        | 25             |              | 150            |              | +0.075      | 0.10         | 8.0          |         |
| BZX84C13  | MMBZ5243B       | Y3           | 12.4-14.1        | 30             |              | 170            |              | +0.080      | 0.05         | 8.0          |         |
| BZX84C15  | MMBZ5245B       | Y4           | 13.8-15.6        | 30             |              | 200            |              | +0.090      | 0.05         | 0.7          |         |
| BZX84C16  | MMBZ5246B       | Y5           | 15.3-17.1        | 40             |              | 200            |              | +0.090      | 0.05         | 0.7          |         |
| BZX84C18  | MMBZ5248B       | Y6           | 16.8-19.1        | 45             |              | 225            |              | +0.090      | 0.05         | 0.7          |         |
| BZX84C20  | MMBZ5250B       | Y7           | 18.8-21.2        | 55             |              | 225            |              | +0.090      | 0.05         | 0.7          |         |
| BZX84C22  | MMBZ5251B       | Y8           | 20.8-23.3        | 55             |              | 250            |              | +0.090      | 0.05         | 0.7          |         |
| BZX84C24  | MMBZ5252B       | Y9           | 22.8-25.6        | 70             |              | 250            |              | +0.090      | 0.05         | 0.7          |         |
| BZX84C27  | MMBZ5254B       | Y10          | 25.1-28.9        | 80             | 2.0          | 300            | 0.5          | +0.090      | 0.05         | 0.7          |         |
| BZX84C30  | MMBZ5256B       | Y11          | 28-32            | 80             |              | 300            |              | +0.090      |              |              |         |
| BZX84C33  | MMBZ5257B       | Y12          | 31-35            | 80             |              | 325            |              | +0.090      |              |              |         |
| BZX84C36  | MMBZ5258B       | Y13          | 34-38            | 90             |              | 350            |              | +0.090      |              |              |         |
| BZX84C39  | MMBZ5259B       | Y14          | 37-41            | 130            |              | 350            |              | +0.110      |              |              |         |
| BZX84C43  | MMBZ5260B       | Y15          | 40-46            | 150            |              | 375            |              | +0.110      |              |              |         |
| BZX84C47  | MMBZ5261B       | Y16          | 44-50            | 170            |              | 375            |              | +0.110      |              |              |         |
| BZX84C51  | MMBZ5262B       | Y17          | 48-54            | 180            |              | 400            |              | +0.110      |              |              |         |

Cases:SOT-23 Molded Plastic