

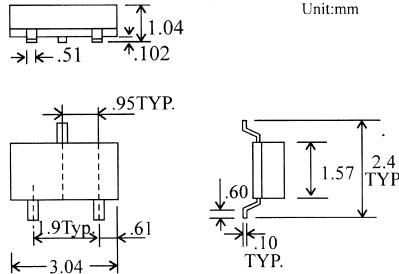


CHENYI ELECTRONICS

BZX84C-SERIES

SURFACE MOUNT ZENER DIODES

SOT-23(L)
TO-236AB



| 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 | | | Reel | |
| | | | Vz(V) | Zzt(Ω) | Izt(mA) | Zzk(Ω) | Izk(mA) | avz(%/k) | Ir(uA) | Vr(V) | |
| BZX84C2V7 | MMBZ5223B | Z12 | 2.5-2.9 | 100 | | 600 | | -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 | 5 | 80 | 1.0 | +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 | | 300 | | +0.090 | | | |
| 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 | 2.0 | 350 | 0.5 | +0.110 | 0.05 | 0.7 | |
| 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