

MMBZ52 – SERIES

SURFACE MOUNT ZENER DIODES/SOT – 23



| 350mW | Cross-Reference | Marking Code | Nominal Zen. Vltg. @ Izt | Dynamic Imped. @ Izt | Test Current | Dynamic Imped. @ Izk | Test Current | Reverse Current @ Vr | Test Voltage |
|-----------|-----------------|--------------|--------------------------|----------------------|--------------|----------------------|--------------|----------------------|--------------|
| Part No. | | | Vz (V) | Zzt (Ω) | Izt (mA) | Zzk (Ω) | Izk (mA) | Ir (μA) | Vr (V) |
| | | | | | | | | | |
| MMBZ5226B | TMPZ5226B | 8A | 3.3 | 28.0 | 20.0 | 1600 | 0.25 | 25.0 | 1.0 |
| MMBZ5227B | TMPZ5227B | 8B | 3.6 | 24.0 | | 1700 | | 15.0 | 1.0 |
| MMBZ5228B | TMPZ5228B | 8C | 3.9 | 23.0 | | 1900 | | 10.0 | 1.0 |
| MMBZ5229B | TMPZ5229B | 8D | 4.3 | 22.0 | | 2000 | | 5.0 | 1.0 |
| MMBZ5230B | TMPZ5230B | 8E | 4.7 | 19.0 | | 1900 | | 5.0 | 2.0 |
| MMBZ5231B | TMPZ5231B | 8F | 5.1 | 17.0 | | 1600 | | 5.0 | 2.0 |
| MMBZ5232B | TMPZ5232B | 8G | 5.6 | 11.0 | | 1600 | | 5.0 | 3.0 |
| MMBZ5233B | TMPZ5233B | 8H | 6.0 | 7.0 | | 1600 | | 5.0 | 3.5 |
| MMBZ5234B | TMPZ5234B | 8J | 6.2 | 7.0 | 20.0 | 1000 | 0.25 | 5.0 | 4.0 |
| MMBZ5235B | TMPZ5235B | 8K | 6.8 | 5.0 | | 750 | | 3.0 | 5.0 |
| MMBZ5236B | TMPZ5236B | 8L | 7.5 | 6.0 | | 500 | | 3.0 | 6.0 |
| MMBZ5237B | TMPZ5237B | 8M | 8.2 | 8.0 | | 500 | | 3.0 | 6.5 |
| MMBZ5238B | TMPZ5238B | 8N | 8.7 | 8.0 | | 600 | | 3.0 | 6.5 |
| MMBZ5239B | TMPZ5239B | 8P | 9.1 | 10.0 | | 600 | | 3.0 | 7.0 |
| MMBZ5240B | TMPZ5240B | 8Q | 10.0 | 17.0 | | 600 | | 3.0 | 8.0 |
| MMBZ5241B | TMPZ5241B | 8R | 11.0 | 22.0 | | 600 | | 2.0 | 8.4 |
| MMBZ5242B | TMPZ5242B | 8S | 12.0 | 30.0 | 20.0 | 600 | 0.25 | 1.0 | 9.1 |
| MMBZ5243B | TMPZ5243B | 8T | 13.0 | 13.0 | 9.5 | 600 | | 0.5 | 9.9 |
| MMBZ5244B | TMPZ5244B | 8U | 14.0 | 15.0 | 9.0 | 600 | | 0.1 | 10.0 |
| MMBZ5245B | TMPZ5245B | 8V | 15.0 | 16.0 | 8.5 | 600 | | 0.1 | 11.0 |
| MMBZ5246B | TMPZ5246B | 8W | 16.0 | 17.0 | 7.8 | 600 | | 0.1 | 12.0 |
| MMBZ5247B | TMPZ5247B | 8X | 17.0 | 19.0 | 7.4 | 600 | | 0.1 | 13.0 |
| MMBZ5248B | TMPZ5248B | 8Y | 18.0 | 21.0 | 7.0 | 600 | | 0.1 | 14.0 |
| MMBZ5249B | TMPZ5249B | 8Z | 19.0 | 23.0 | 6.6 | 600 | | 0.1 | 14.0 |
| MMBZ5250B | TMPZ5250B | 81A | 20.0 | 25.0 | 6.2 | 600 | 0.1 | | 15.0 |
| MMBZ5251B | TMPZ5251B | 81B | 22.0 | 29.0 | 5.6 | 600 | | | 17.0 |
| MMBZ5252B | TMPZ5252B | 81C | 24.0 | 33.0 | 5.2 | 600 | | | 18.0 |
| MMBZ5253B | TMPZ5253B | 81D | 25.0 | 35.0 | 5.0 | 600 | | | 19.0 |
| MMBZ5254B | TMPZ5254B | 81E | 27.0 | 41.0 | 4.6 | 600 | | | 21.0 |
| MMBZ5255B | TMPZ5255B | 81F | 28.0 | 44.0 | 4.5 | 600 | | | 21.0 |
| MMBZ5256B | TMPZ5256B | 81G | 30.0 | 49.0 | 4.2 | 600 | | | 23.0 |
| MMBZ5257B | TMPZ5257B | 81H | 33.0 | 58.0 | 3.8 | 700 | | | 25.0 |

Notes: 1. Operating and storage Temperature Range: -55°C to +150°C
 2. Package outline/SOT – 23 pin configuration – topview as figure.

