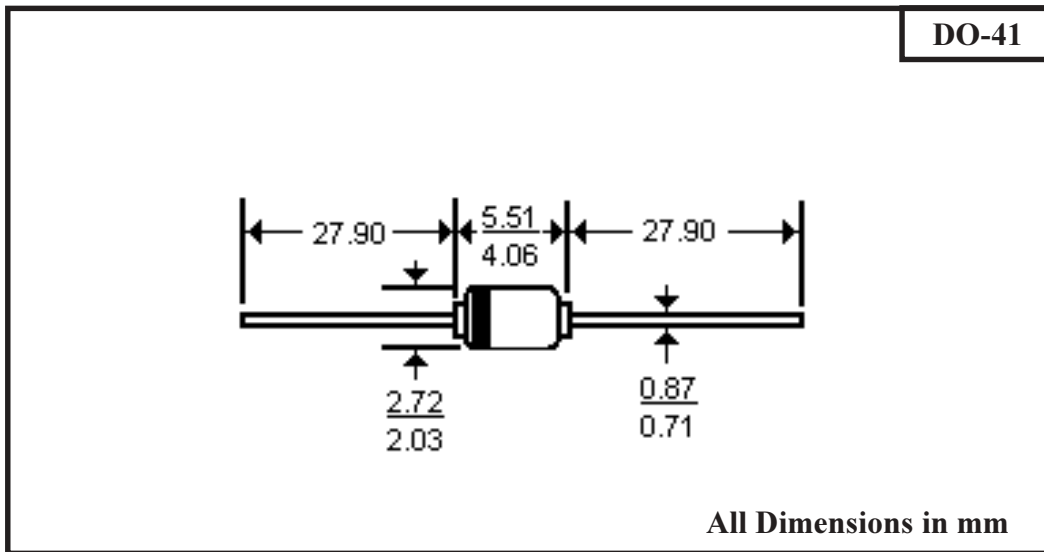


1.3W DO-41 Zener Diode



Electrical Characteristics (Ta = 25°C)

| Part Number | V _{ZT nom} (V) | Tolerance (± %) | r _{ZT} (Ω) | @ | I _{ZT} (mA) | IR (μA) | @ | V _R (V) | PD (W) |
|-------------|----------------------------|--------------------|------------------------|---|-------------------------|------------|---|-----------------------|-----------|
| BZX85C2V7 | 2.7 | 7.4 | 150.000 | | 80.0 | 150.000 | | 1.0 | 1.300 |
| BZX85C3V3 | 3.3 | 6.0 | 40.000 | | 80.0 | 40.000 | | 1.0 | 1.300 |
| BZX85C3V6 | 3.6 | 5.5 | 20.000 | | 70.0 | 20.000 | | 1.0 | 1.300 |
| BZX85C3V9 | 3.9 | 5.1 | 10.000 | | 60.0 | 10.000 | | 1.0 | 1.300 |
| BZX85C4V3 | 4.3 | 6.9 | 3.000 | | 50.0 | 3.000 | | 1.0 | 1.300 |
| BZX85C4V7 | 4.7 | 6.3 | 3.000 | | 45.0 | 3.000 | | 1.0 | 1.300 |
| BZX85C5V1 | 5.1 | 5.8 | 1.000 | | 45.0 | 1.000 | | 1.5 | 1.300 |
| BZX85C5V6 | 5.6 | 7.1 | 1.000 | | 45.0 | 1.000 | | 2.0 | 1.300 |

Electrical Chara. Cont. (Ta = 25°C)

| Part Number | V_{ZT nom} (V) | Tolerance (± %) | r_{ZT} (Ω) | @ | I_{ZT} (mA) | IR (μA) | @ | V_R (V) | P_D (W) |
|--------------------|-----------------------------------|----------------------------|-------------------------------|----------|--------------------------------|--------------------|----------|------------------------------|------------------------------|
| BZX85C6V2 | 6.2 | 6.4 | 1.000 | | 35.0 | 1.000 | | 3.0 | 1.300 |
| BZX85C6V8 | 6.8 | 5.8 | 1.000 | | 35.0 | 1.000 | | 4.0 | 1.300 |
| BZX85C7V5 | 7.5 | 6.0 | 1.000 | | 35.0 | 1.000 | | 4.5 | 1.300 |
| BZX85C8V2 | 8.2 | 6.0 | 1.000 | | 25.0 | 1.000 | | 6.2 | 1.300 |
| BZX85C9V1 | 9.1 | 6.0 | 1.000 | | 25.0 | 1.000 | | 6.8 | 1.300 |
| BZX85C10 | 10.0 | 6.0 | 0.500 | | 25.0 | 0.500 | | 7.0 | 1.300 |
| BZX85C11 | 11.0 | 5.4 | 0.500 | | 20.0 | 0.500 | | 8.2 | 1.300 |
| BZX85C12 | 12.0 | 5.3 | 0.500 | | 20.0 | 0.500 | | 9.1 | 1.300 |
| BZX85C13 | 13.0 | 6.5 | 0.500 | | 20.0 | 0.500 | | 10.0 | 1.300 |
| BZX85C15 | 15.0 | 6.0 | 0.500 | | 15.0 | 0.500 | | 11.0 | 1.300 |
| BZX85C16 | 16.0 | 5.6 | 0.500 | | 15.0 | 0.500 | | 12.0 | 1.300 |
| BZX85C18 | 18.0 | 6.3 | 0.500 | | 15.0 | 0.500 | | 13.0 | 1.300 |
| BZX85C20 | 20.0 | 6.0 | 0.500 | | 10.0 | 0.500 | | 15.0 | 1.300 |
| BZX85C22 | 22.0 | 5.7 | 0.500 | | 10.0 | 0.500 | | 16.0 | 1.300 |
| BZX85C24 | 24.0 | 5.8 | 0.500 | | 10.0 | 0.500 | | 18.0 | 1.300 |
| BZX85C27 | 27.0 | 7.0 | 0.500 | | 8.0 | 0.500 | | 20.0 | 1.300 |
| BZX85C30 | 30.0 | 6.6 | 0.500 | | 8.0 | 0.500 | | 22.0 | 1.300 |
| BZX85C33 | 33.0 | 6.0 | 0.500 | | 8.0 | 0.500 | | 24.0 | 1.300 |
| BZX85C36 | 36.0 | 5.5 | 0.500 | | 8.0 | 0.500 | | 27.0 | 1.300 |
| BZX85C39 | 39.0 | 5.1 | 0.500 | | 6.0 | 0.500 | | 30.0 | 1.300 |
| BZX85C43 | 43.0 | 7.0 | 0.500 | | 6.0 | 0.500 | | 33.0 | 1.300 |
| BZX85C47 | 47.0 | 6.3 | 0.500 | | 4.0 | 0.500 | | 36.0 | 1.300 |