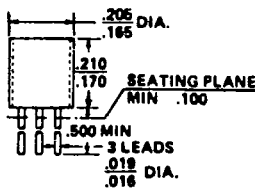
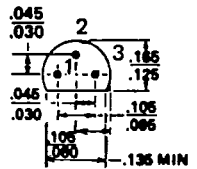
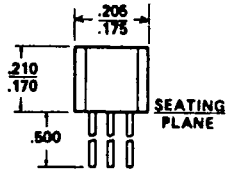
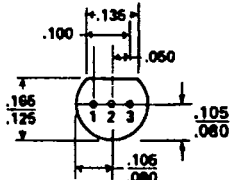
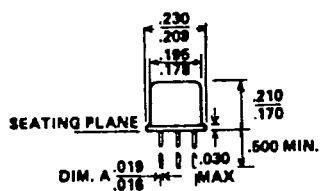
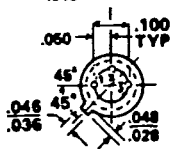
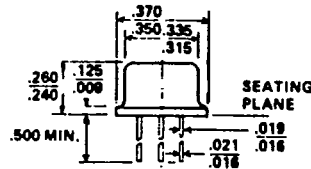
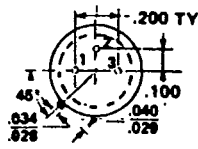
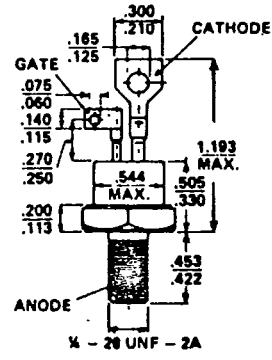


Unijunction Transistors

| WALBERN TYPE | R_{BB} INTERBASE RESISTANCE (K Ω) | η INTRINSIC STANDOFF RATIO | I_V VALLEY CURRENT MIN (MA) | I_P PEAK POINT EMITTER CURRENT MAX (μ A) | I_{EB20} EMITTER REVERSE CURRENT MAX (μ A) | V_{OB1} PEAK PULSE OUTPUT MIN (V) | PACKAGE |
|--------------|--|------------------------------------|----------------------------------|--|--|--|-------------|
| 2N489 | 4.7-6.8 | .51-.62 | 8 | 12 | 2 | - | TO-5 (MOD) |
| 2N489A | | | | 12 | 2 | 3 | |
| 2N489B | | | | 6 | .2 | 3 | |
| 2N490 | 6.2-9.1 | .51-.62 | 8 | 12 | 2 | - | |
| 2N490A | | | | 12 | 2 | 3 | |
| 2N490B | | | | 6 | .2 | 3 | |
| 2N490C | | | | 2 | .02 | 3 | |
| 2N491 | 4.7-6.8 | .56-.68 | 8 | 12 | 2 | - | |
| 2N491A | | | | 12 | 2 | 3 | |
| 2N491B | | | | 6 | .2 | 3 | |
| 2N492 | 6.2-9.1 | .56-.68 | 8 | 12 | 2 | - | |
| 2N492A | | | | 12 | 2 | 3 | |
| 2N492B | | | | 6 | .2 | 3 | |
| 2N492C | | | | 2 | .02 | 3 | |
| 2N493 | 4.7-6.8 | .62-.75 | 8 | 12 | 2 | - | |
| 2N493A | | | | 12 | 2 | 3 | |
| 2N493B | | | | 6 | .2 | 3 | |
| 2N494 | 6.2-9.1 | .62-.75 | 8 | 12 | 2 | - | |
| 2N494A | | | | 12 | 2 | 3 | |
| 2N494B | | | | 6 | .2 | 3 | |
| 2N494C | | | | 2 | .02 | 3 | |
| 2N1671 | 4.7-9.1 | .47-.62 | 8 | 25 | 12 | - | |
| 2N1671A | | | | 25 | 12 | 3 | |
| 2N1671B | | | | 6 | .2 | 3 | |
| 2N1671C | | | | 2 | .02 | 3 | |
| 2N2160 | 4.0-12.0 | .47-.80 | 8 | 25 | 12 | 3 | |
| 2N2417 | 4.7-6.8 | .51-.62 | 8 | 12 | 2 | - | TO-18 (MOD) |
| 2N2417A | | | | 12 | 2 | 3 | |
| 2N2417B | | | | 6 | .2 | 3 | |
| 2N2418 | 6.2-9.1 | .51-.62 | 8 | 12 | 2 | - | |
| 2N2418A | | | | 12 | 2 | 3 | |
| 2N2418B | | | | 6 | .2 | 3 | |
| 2N2419 | 4.7-6.8 | .56-.68 | 8 | 12 | 2 | - | |
| 2N2419A | | | | 12 | 2 | 3 | |
| 2N2419B | | | | 6 | .2 | 3 | |
| 2N2420 | 6.2-9.1 | .56-.68 | 8 | 12 | 2 | - | |
| 2N2420A | | | | 12 | 2 | 3 | |
| 2N2420B | | | | 6 | .2 | 3 | |
| 2N2421 | 4.7-6.8 | .62-.75 | 8 | 12 | 2 | - | |
| 2N2421A | | | | 12 | 2 | 3 | |
| 2N2421B | | | | 6 | .2 | 3 | |
| 2N2422 | 6.2-9.1 | .62-.75 | 8 | 12 | 2 | - | |
| 2N2422A | | | | 12 | 2 | 3 | |
| 2N2422B | | | | 6 | .2 | 3 | |
| 2N2646 | 4.7-9.1 | .56-.75 | 4 | 5 | 12 | 3 | |
| 2N2647 | 4.7-9.1 | .68-.82 | 8 | 2 | .2 | 6 | |
| 2N3980 | 4.0-8.0 | .68-.82 | 1 | 2 | .01 | 6 | |
| 2N4851 | 4.7-9.1 | .56-.75 | 2 | 2 | .1 | 3 | |
| 2N4852 | | .70-.85 | 4 | 2 | .1 | 5 | |
| 2N4853 | | .70-.85 | 6 | 4 | .05 | 6 | |
| 2N4947 | 4.0-9.1 | .51-.69 | 4 | 2 | .01 | 3 | |
| 2N4948 | 4.0-12.0 | .55-.82 | 2 | 2 | .01 | 6 | |
| 2N4949 | 4.0-12.0 | .74-.86 | 2 | 1 | .01 | 3 | |
| 2N4870 | 4.0-9.1 | .56-.75 | 2 | 5 | 1 | 3 | TO-92 |
| 2N4871 | | .70-.85 | 4 | 5 | 1 | 5 | |
| P2646 | 4.7-9.1 | .56-.75 | 4 | 5 | 12 | 3 | |
| P2647 | | .68-.82 | 4 | 5 | 1 | 5 | |
| W4891 | 4.0-9.1 | .51-.69 | 5 | 5 | | 3 | |
| W4892 | 4.0-9.1 | .55-.82 | 2 | 2 | .01 | 3 | |
| W4893 | 4.0-12.0 | .55-.82 | 2 | 2 | | 6 | |
| W4894 | 4.0-12.0 | .74-.86 | 1 | 1 | | 3 | |

Packaging Information

| | | |
|--|---|---|
| <p>PACKAGING INFORMATION</p> | <p>1. CATHODE 2. GATE 3. ANODE</p>   | <p>SCR 1. CATHODE 2. GATE 3. ANODE</p>   |
| | <p>TO-18 (PLASTIC)</p> | <p>TO-92</p> |
| <p>1. CATHODE 2. GATE 3. ANODE</p>   | <p>SCR 1. CATHODE 2. GATE 3. ANODE</p>   | <p>TRIAC 1. MT 1 2. GATE 3. MT 2</p>  |
| <p>TO-18</p> | <p>TO-39</p> | <p>TO-48D</p> |