

Rev.B .May.-2018

TO-252

NPN

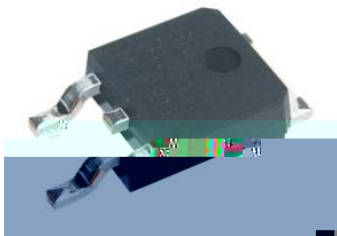
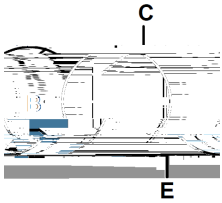
Silicon NPN transistor in a TO-252 Plastic Package.

$BV_{CEO} > 100V$ ;

$I_C = 3A$  high Continuous Collector Current;

$I_{CM} = 5A$  Peak Pulse Current;

Power Switching or Amplification Applications



PIN1 Base

PIN 2 4 Collector

PIN 3 Emitter

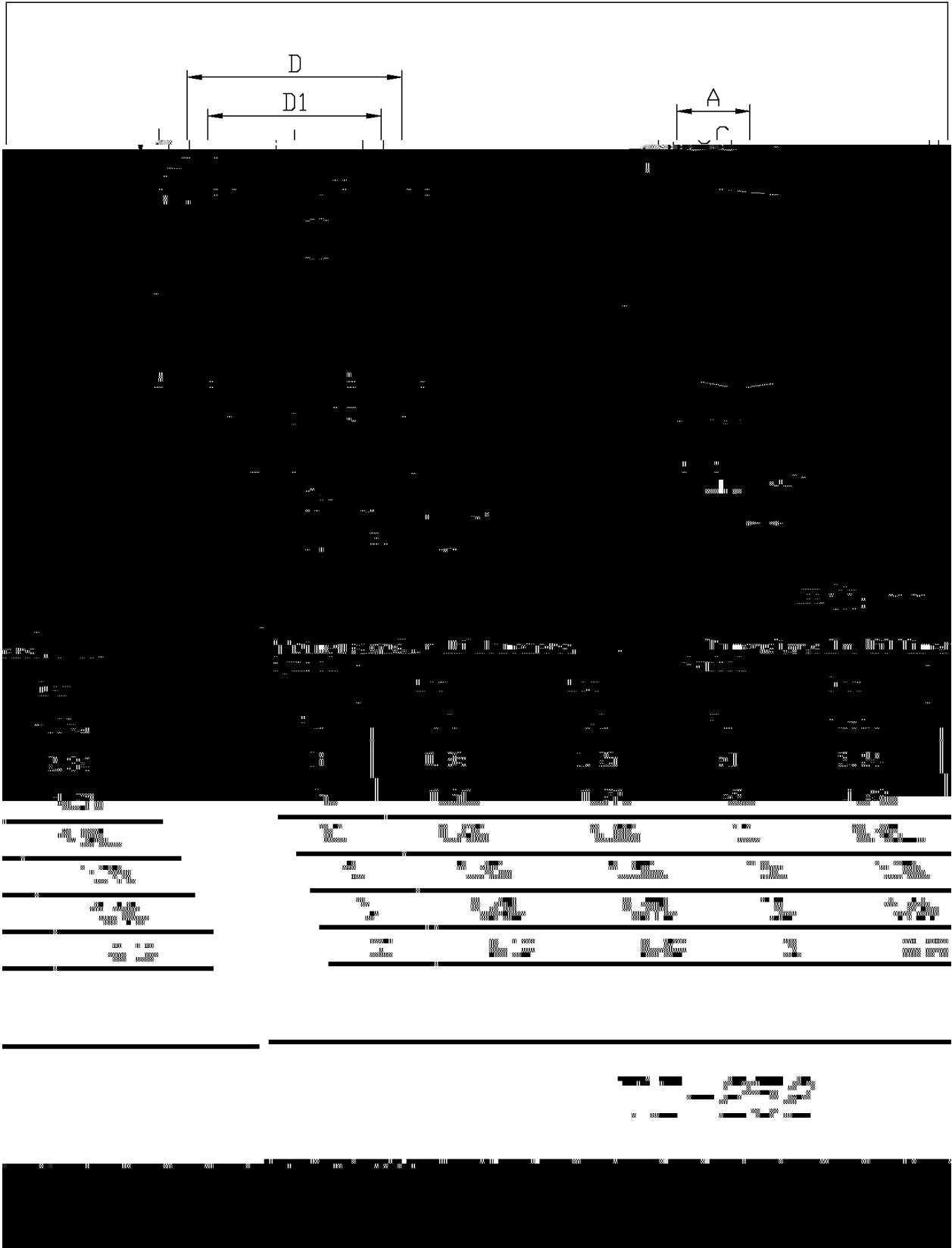
See Marking Instructions.

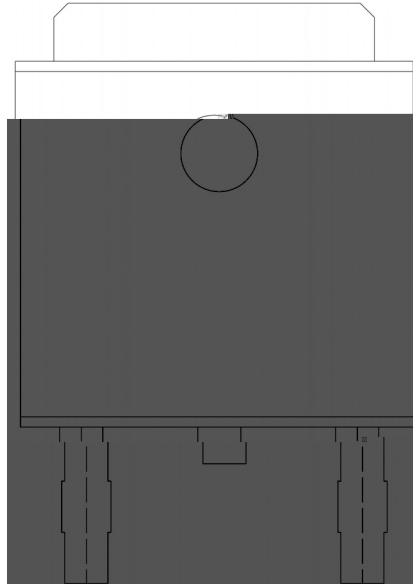


Rev.B .May.-2018

---







BR

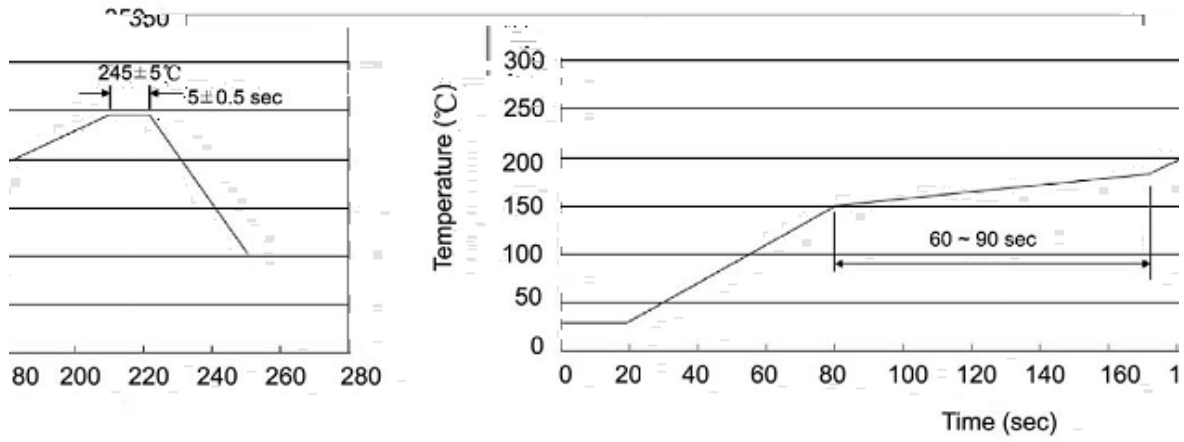
MJD31C

\*\*\*\*

Note:

BR:

### Temperature Profile for IR Reflow Soldering(Pb-Free)



Note:

- |   |             |                  |                                       |
|---|-------------|------------------|---------------------------------------|
| 1 | 150 180     | 60 90sec;        | 1.Preheating:150~180 , Time:60~90sec. |
| 2 | $245 \pm 5$ | $5 \pm 0.5$ sec; | 2.Peak Temp.: $245 \pm 5$             |