

5 é / Descriptions

9 5 6 .> // x 4 ?ú 3 MOS « | •'ož N-Channel MOSFET in a SOP-8 Plastic Package.

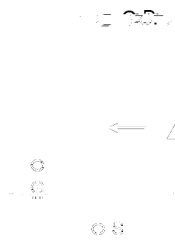
α^a / Features

z - * Š 8 *_{9g54hkzõâ} > ki 4 ½, ô E Ô Å k ... ` 8 U . 9ož
Low R_{DS(ON)}, Low Gate Charge, Optimized for fast-switching, RoHS .

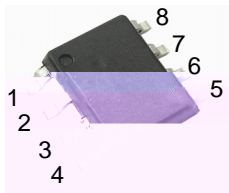
Đ ÷ / Applications

*) *) y ') *) ô E ~ c 5 ... v k œ Y + v + v ô E ~ " ' y W ož ož
Synchronous Rectification in DC/DC and AC/DC Converters, Isolated DC/DC Converters in Telecom and Industrial.

Ã W] Ô . / Equivalent Circuit



• Ū - æ / Pinning



PIN1:S PIN 2:S PIN 3 y S PIN 4 y G
PIN5o•PIN 6o•PIN 7o•PIN 8:D

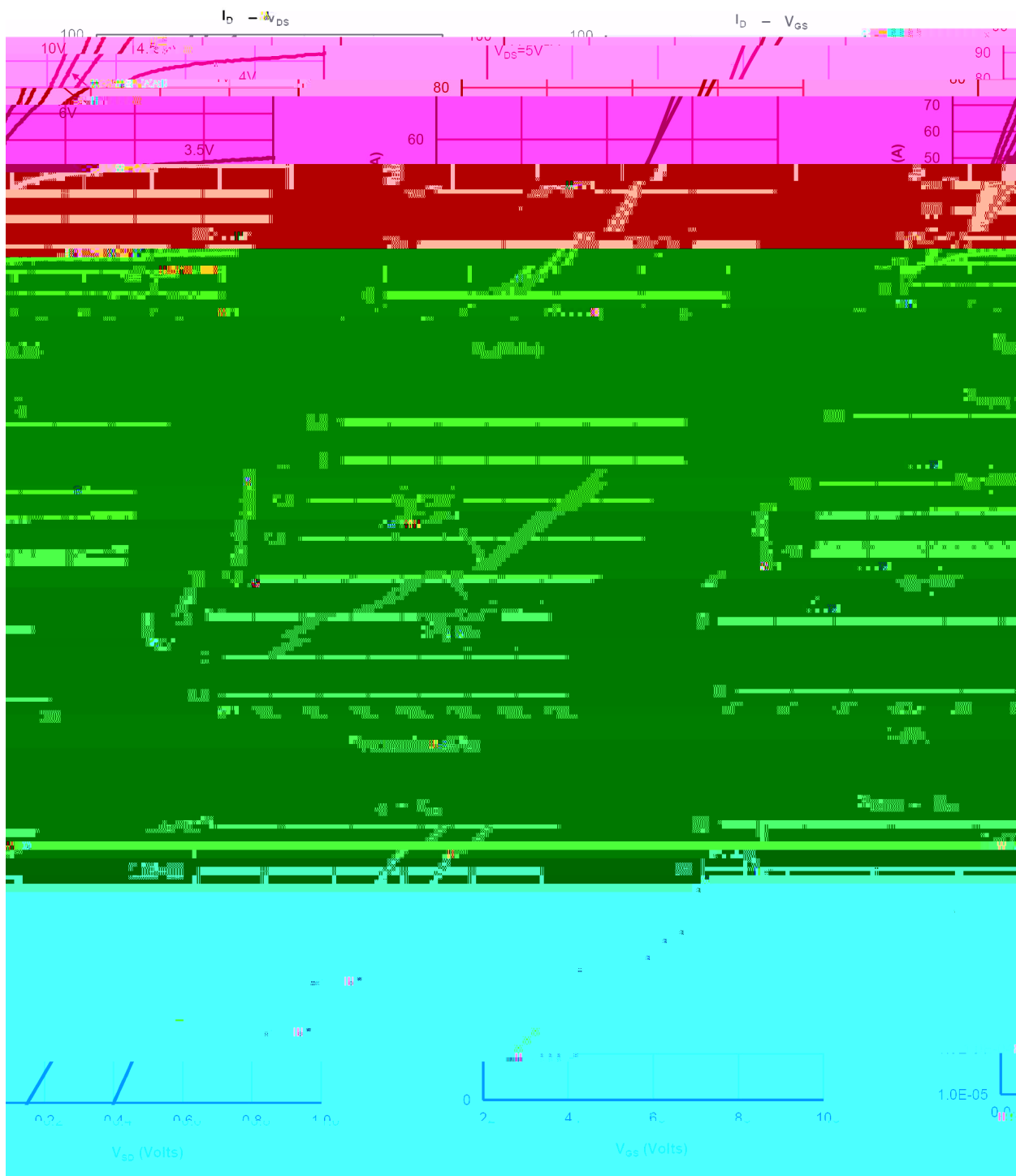
Z Ü B , M V / h_{FE} Classifications & Marking

• - ~^a çož See Marking Instructions.

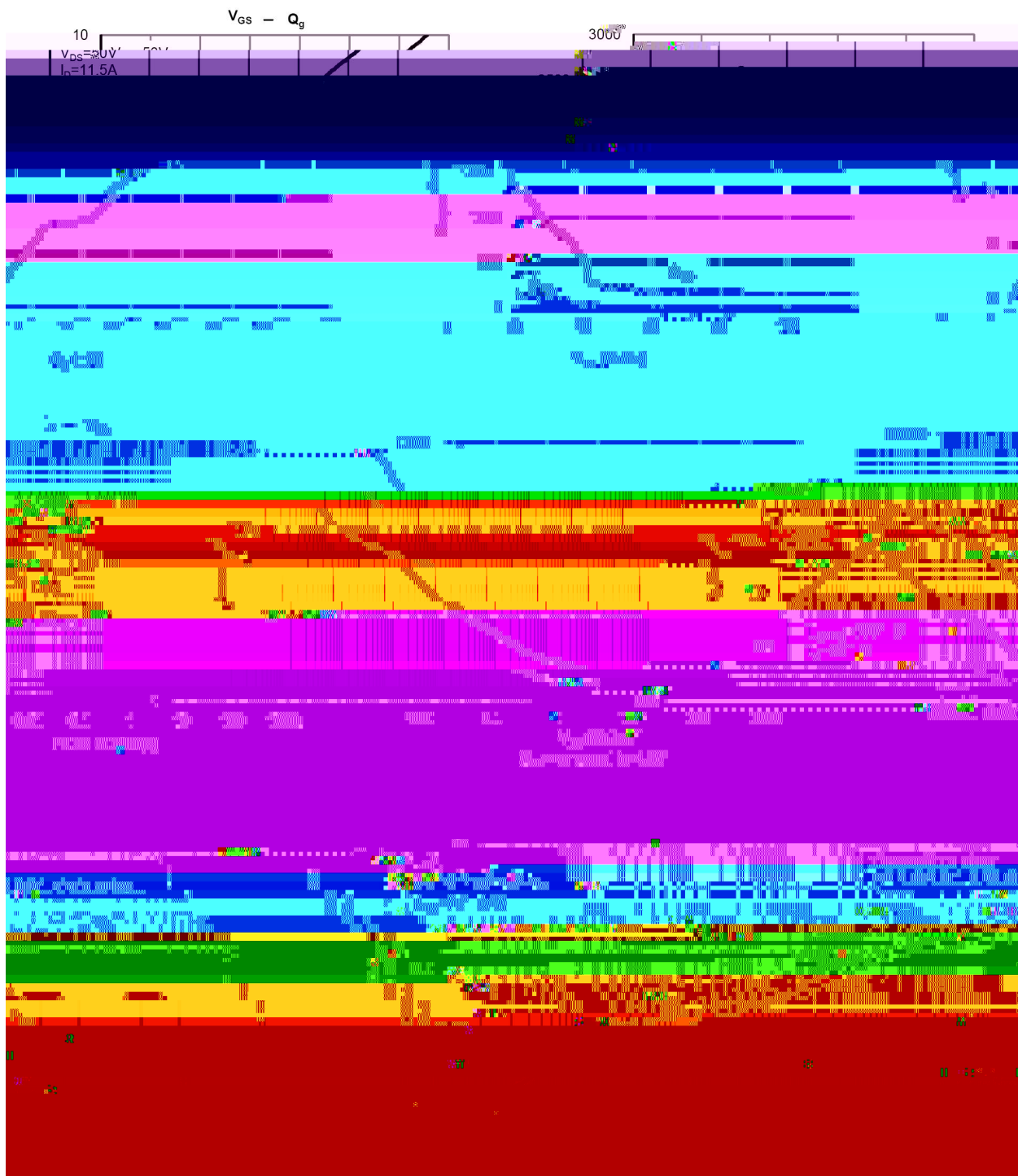
Electrical Characteristics(Ta=25 ;)

| @ f Parameter | ... Z Symbol | y i Ú ^ Test Conditions | Â 4 › Min | Á ° › Typ | Â Ý › |
|------------------|-----------------|----------------------------|--------------|--------------|-------|
|------------------|-----------------|----------------------------|--------------|--------------|-------|

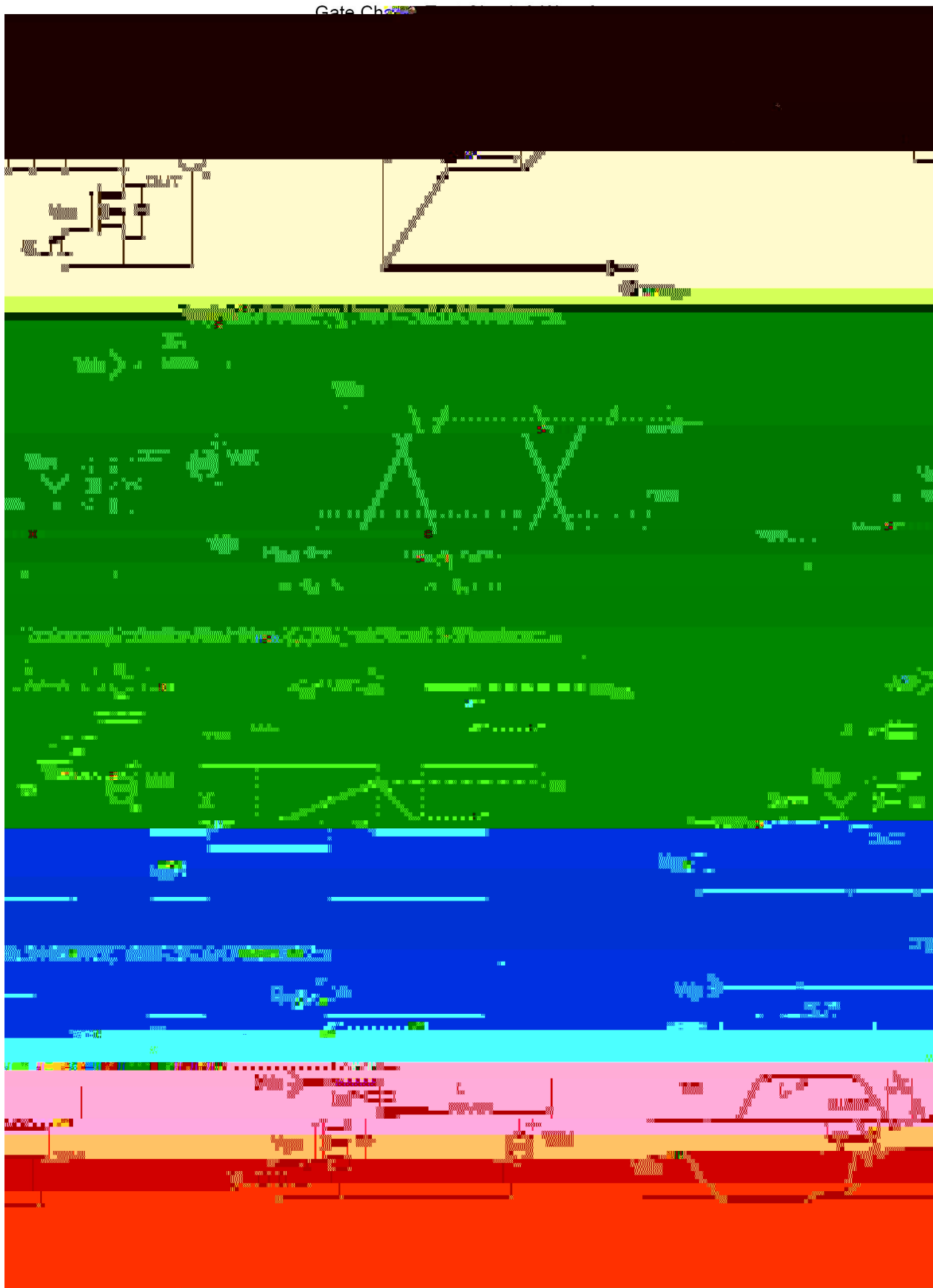
Electrical Characteristic Curve



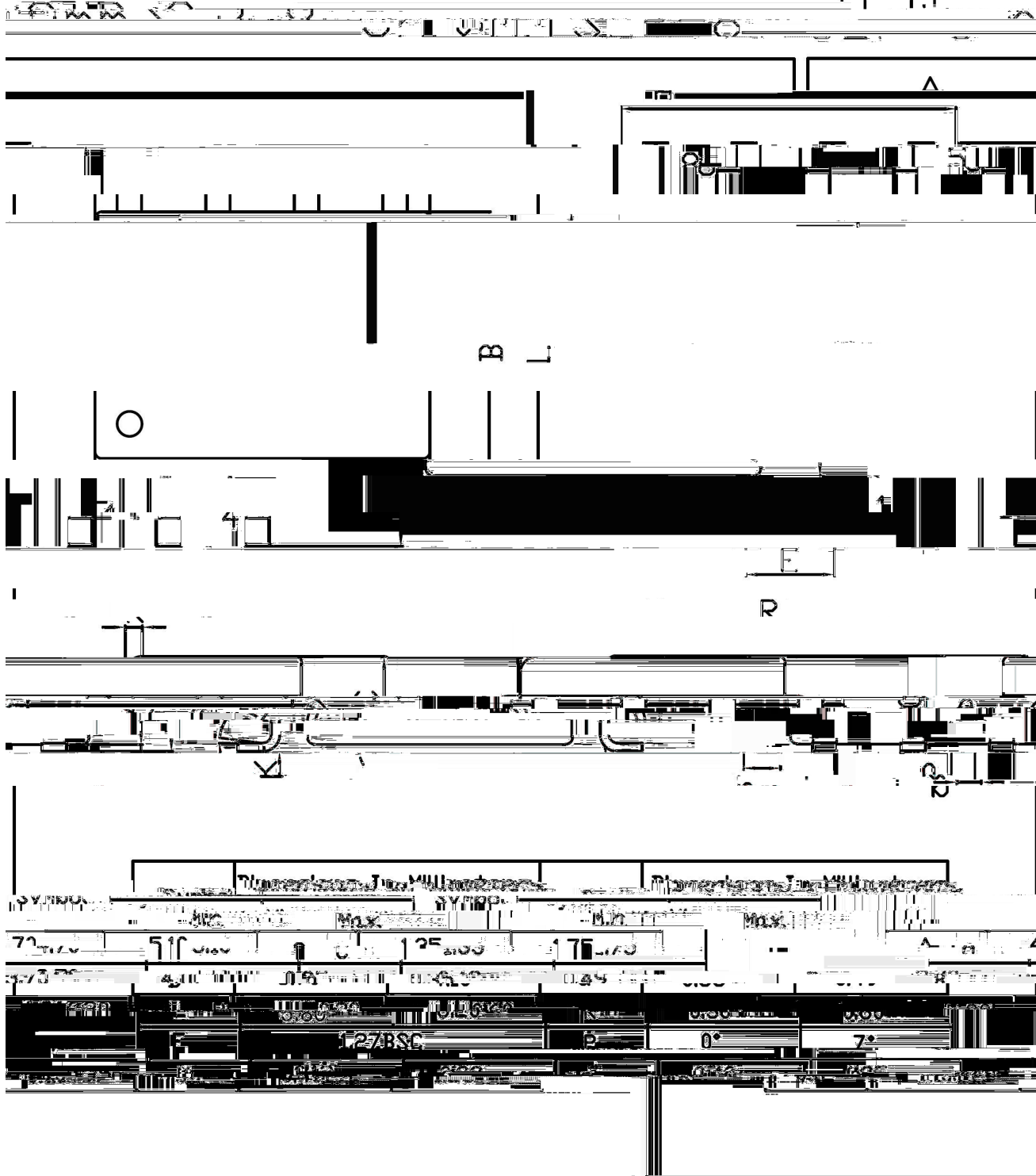
Electrical Characteristic Curve



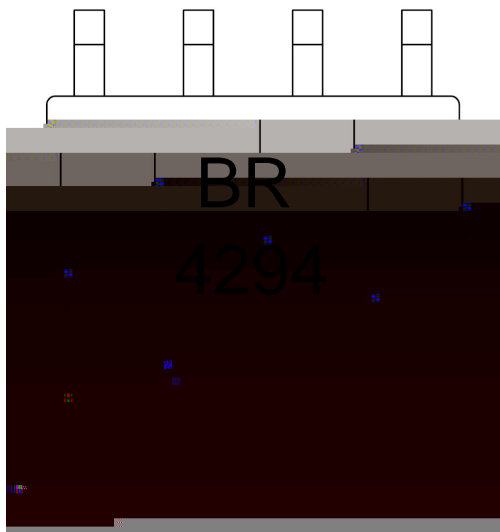
Z p Ô · x G ▯ / Test Circuit & Waveform



Ø □ =) φ / Package Dimensions



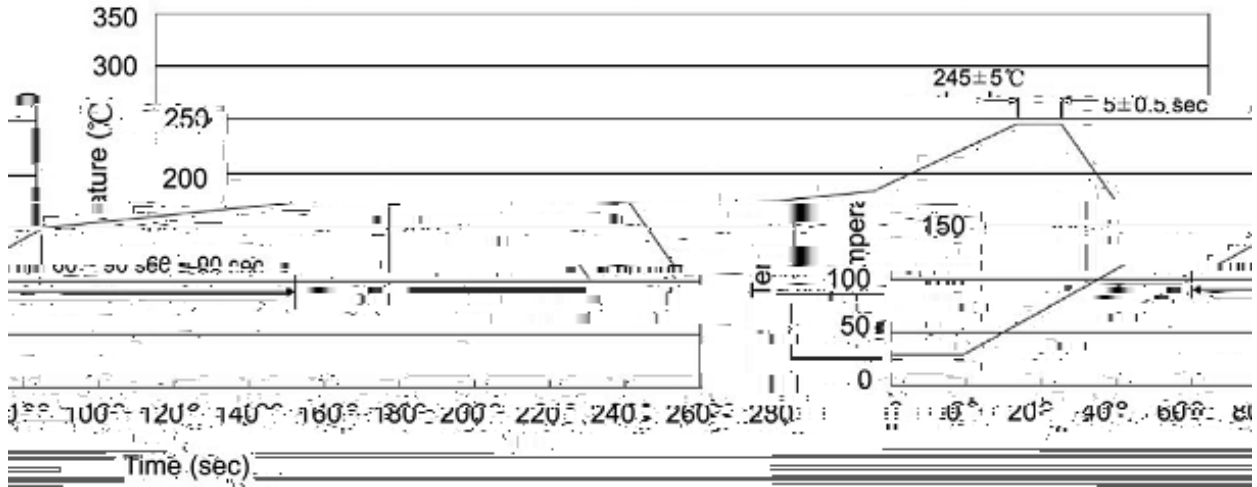
, M y f / Marking Instructions



^a ç y
BR y , [W A
 y ° Z W A
 y ÿ D Z W A k š ÿ D Z J

Note:
BR: Company Code.
4294 y Product Type.
****: Lot No. Code, code change with Lot No.

šWD t...•Žϕ (x/) / :KSVKXGZ[XK 6XULORK LUX /8 8KLRU] 9URJKXOTM 6



^a ϕ y

- 1o• Ä ½ " † 150 ½180 - k ž • 60 ½90sec;
- 2o• Q › " † 245 r5 - k ž • 4 Ò 5 r0.5sec;
- 3o•D N ò i Ò 0 , † 2 ½10 - /sec.

Note:

- 1.Preheating:150~180 - , Time:60~90sec.
- 2.Peak Temp.:245 r5 - , Duration:5 r0.5sec.
- 3.