

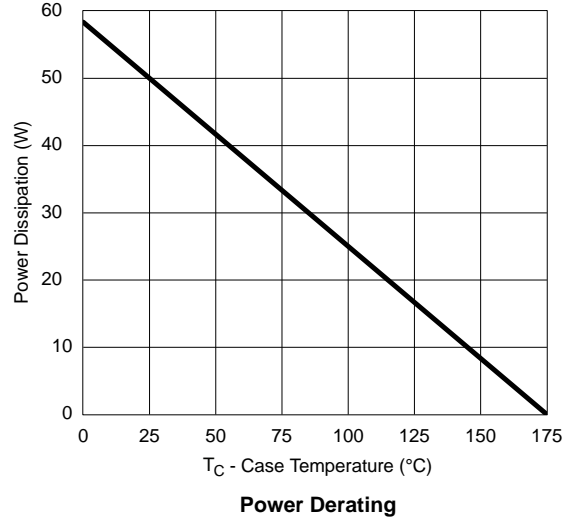
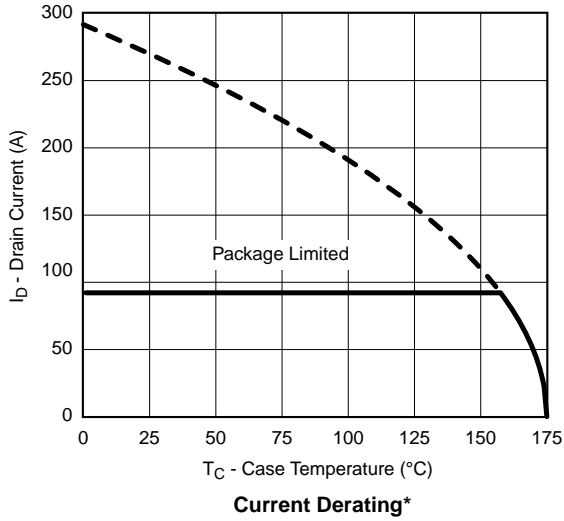




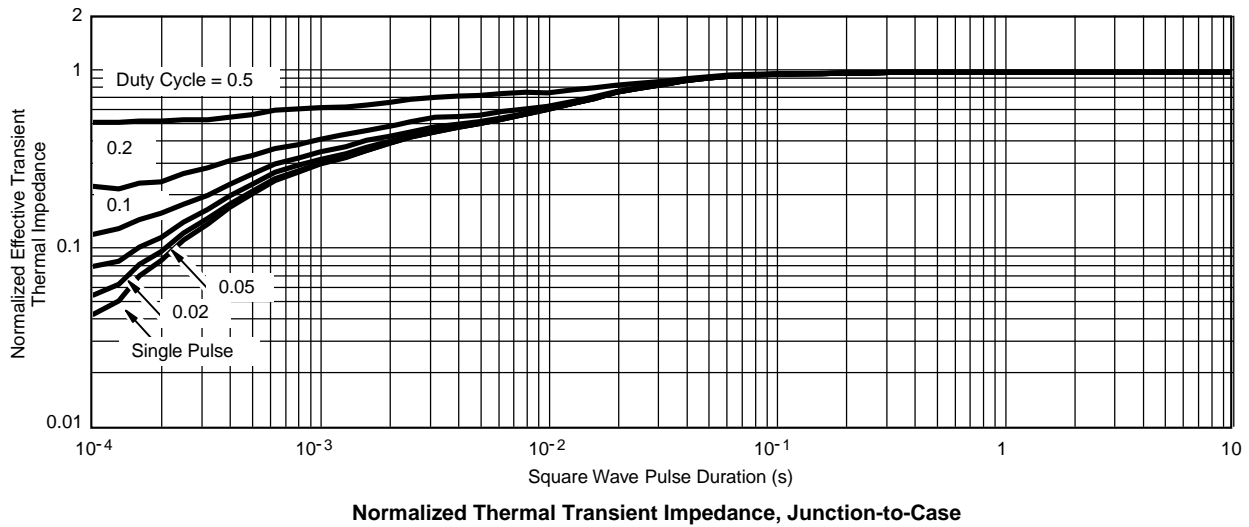




**TYPICAL CHARACTERISTICS** (25 °C, unless otherwise noted)



\* The power dissipation  $P_D$  is based on  $T_{J(max)} = 175$  °C, using junction-to-case thermal resistance, and is more useful in settling the upper dissipation limit for cases where additional heatsinking is used. It is used to determine the current rating, when this rating falls below the package limit.



DFN5x6\_8L\_EP1\_P PACKAGE OUTLIN



RECOMMENDED LAND PATTERN



| SYMBOLS  | DIMENSIONS IN MILLIMETERS |       |       | DIMENSIONS IN INCHES |       |       |
|----------|---------------------------|-------|-------|----------------------|-------|-------|
|          | MIN                       | NOM   | MAX   | MIN                  | NOM   | MAX   |
| A        | 0.85                      | 0.95  | 1.00  | 0.033                | 0.037 | 0.039 |
| A1       | 0.00                      | ---   | 0.05  | 0.000                | ---   | 0.002 |
| b        | 0.30                      | 0.40  | 0.50  | 0.012                | 0.016 | 0.020 |
| c        | 0.15                      | 0.20  | 0.25  | 0.006                | 0.008 | 0.010 |
| D        | 5.10                      | 5.20  | 5.30  | 0.201                | 0.205 | 0.209 |
| D1       | 4.25                      | 4.35  | 4.45  | 0.167                | 0.171 | 0.175 |
| E        | 5.45                      | 5.55  | 5.65  | 0.215                | 0.219 | 0.222 |
| E1       | 5.95                      | 6.05  | 6.15  | 0.234                | 0.238 | 0.242 |
| E2       | 3.525                     | 3.625 | 3.725 | 0.139                | 0.143 | 0.147 |
| E3       | 1.175                     | 1.275 | 1.375 | 0.046                | 0.050 | 0.054 |
| e        | 1.27 BSC                  |       |       | 0.050 BSC            |       |       |
| L        | 0.45                      | 0.55  | 0.65  | 0.018                | 0.022 | 0.026 |
| L1       | 0                         | ---   | 0.15  | 0                    | ---   | 0.006 |
| L2       | 0.68 REF                  |       |       | 0.027 REF            |       |       |
| $\theta$ | 0°                        | ---   | 10°   | 0°                   | ---   | 10°   |

NOTE

UNIT: mm

- PACKAGE BODY SIZES EXCLUDE MOLD FLASH AND GATE BURRS.  
MOLD FLASH AT THE NON-LEAD SIDES SHOULD BE LESS THAN 6 MILS EACH.
- CONTROLLING DIMENSION IS MILLIMETER.  
CONVERTED INCH DIMENSIONS ARE NOT NECESSARILY EXACT.

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