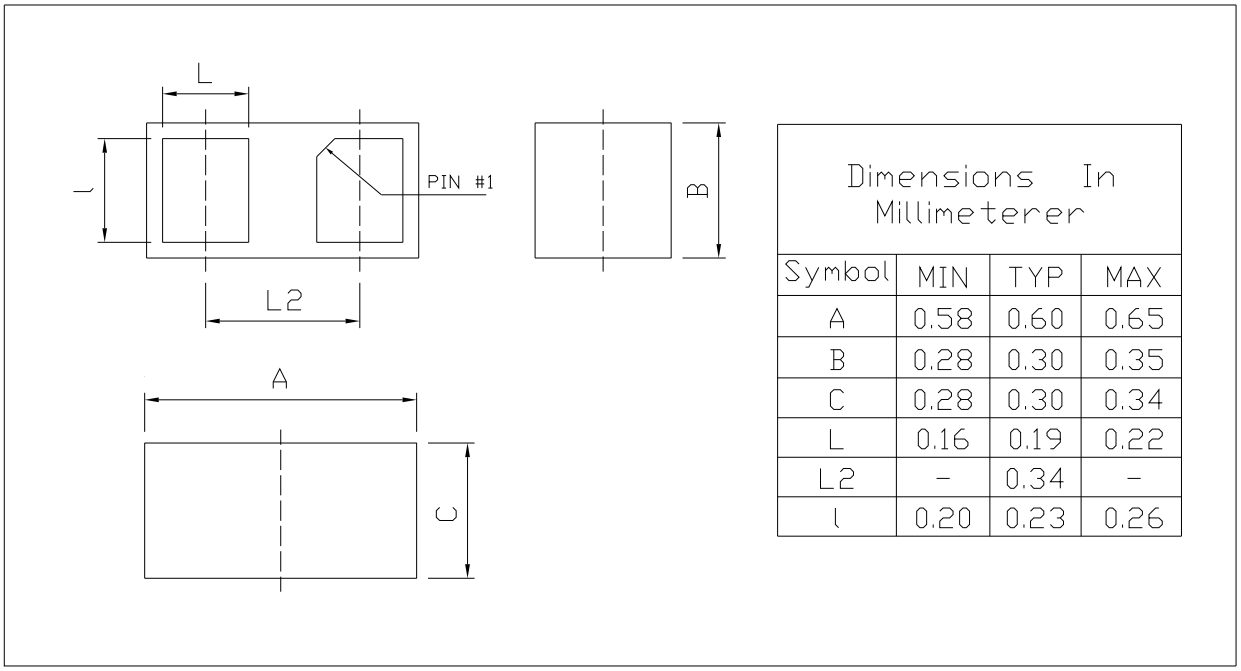
| @ *f*<br>Parameter | … Z<br>Symbol | *f* ›<br>Rating | % y<br>Unit |
|---|---|---|---|
| Peak pulse power ($t_p$ = 8/20 s) | $P_K$ | 35 | W |
| Peak pulse current ($t_p$ = 8/20 s) | $I_{PP}$ | 5.5 | A |
| ESD according to IEC61000-4-2 air discharge | $V_{ESD}$ | ±30 | KV |
| ESD according to IEC61000-4-2 contact discharge | | ±30 | |
| Junction temperature | $T_J$ | 150 | |
| Storage temperature | $T_{STG}$ | -55~+150 | |

| @ *f*<br>Parameter | … Z<br>Symbol | y ¡ Ú ^<br>Test Conditions | Â 4 ›<br>Min | Á º ›<br>Typ | Â Ý ›<br>Max | % y<br>Unit |
|---|---|---|---|---|---|---|
| Reverse maximum working voltage | $V_{RWM}$ | | | | 5.0 | V |
| Reverse leakage current | $I_R$ | $V_{RWM}$ = 5V | | | 0.5 | uA |
| | | $V_{RWM}$ = 3.5V | | | 0.3 | uA |
| Reverse breakdown voltage[1)] | $V_{BR}$ | $I_T$ = 1mA | 5.6 | | | V |
| Clamping voltage [2)] | $V_C$ | $I_{PP}$ = 1A $t_p$ | | | | |

## Ô ? d • Ž ¢ / Electrical Characteristic Curve

## Ø ¤ = ) ¢ / Package Dimensions

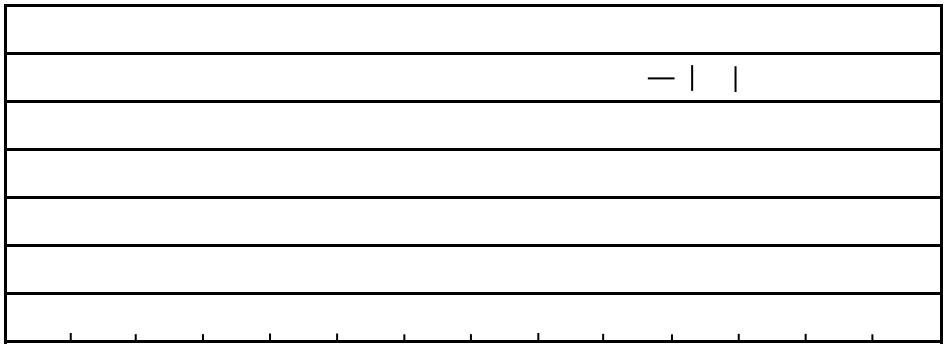
DFN0603 Unit:mm




| Dimensions In Millimeterer | | | |
|---|---|---|---|
| Symbol | MIN | TYP | MAX |
| A | 0.58 | 0.60 | 0.65 |
| B | 0.28 | 0.30 | 0.35 |
| C | 0.28 | 0.30 | 0.34 |
| L | 0.16 | 0.19 | 0.22 |
| L2 | - | 0.34 | - |
| l | 0.20 | 0.23 | 0.26 |

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## š WD t … • Ž ¢ ( x / ) / : K S V K X G Z [ X K 6 X U L O R K L U X / 8 8 K L R U ] 9 U R J K X O T M 6



ª ¢ y Note:

1o• Ä ½ “ † 150 ½200 - k ž • 60 ½120sec; 1.Preheating:150~200 - , Time:60~120sec.

2o• Q › “ † 255 r5 - k ž • 4 Ò 5 r0.5sec; 2.Peak Temp.:255 r5 - , Duration:5 r0.5sec.

3o•D N ò i Ò 0 , † 2 ½10 - /sec. 3. Cooling Speed: 2~10 - /sec.

## ÂD /Cã p ¯ » ] / Resistance to Soldering Heat Test Conditions

“ † y 260 r5 - ž • y 10 r1 sec. Temp.:260±5 Time:10±1 sec

## G P á / Packaging SPEC.

2 & x / REEL

| Package Type 7>û ˜ E | Units ;>û ¦H | | | | | Dimension ;>û p . (unit Æmm³) | | |
|---|---|---|---|---|---|---|---|---|
| | Units/Reel / -- | Reels/Inner Box -- /- | Units/Inner Box /- | Inner Boxes/Outer Box - /1ç | Units/Outer Box /1ç | Reel | Inner Box× | Outer Box1ç |
| DFN0603 | 15,000 | 10 | 150,000 | 4 | 600,000 | 7 s ×8 | 210×205×205 | 445×435×230 |

## „ Ð y ƒ / Notices