

| Parameter | Symbol | Limits | Unit |
|--|----------------|------------|---------|
| IEC 61000-4-2 (ESD) Air Contact | | a30 | kV |
| ESD voltage per human body model per machine model | | 16 400 | kV V |
| Total power dissipation on FR-5 board(Note 1) | P_D | 150 | mW |
| Junction and Storage temperature range | T_j, T_{stg} | -55 to+150 | ° |
| Thermal Resistance Junction-to Ambient | R_{LJA} | 833 | °/W |

5 \$ 7 , 1 * 6 \$ 1 ' & + \$ 5 \$ & 7 (5 , 6 7 , & & 8 5 9 (6

9 YWnf] WU ' GdYVYZ] WWh] cb' 7 f & XQOHVV RWKHUZZLVH VSHFLILHG

| Device | Device Marking | V_{RWM} | I_R (A) | V_{BR} (V) | | I_T | $V_C@$ | I_{PP} | $V_C@$ | P_{PK} | C (pF) |
|----------|----------------|-----------|-------------|--------------|------|-------|--------|-------------|--------------|----------|----------|
| | | (V) | @ V_{RWM} | @ I_T | Min. | Max. | mA | $I_{PP}=5A$ | Max I_{PP} | V | W |
| ESD5V0D5 | ZF | 5.0 | 0.08 | 6.2 | 7.3 | 1.0 | 11.6 | 9.4 | 18.6 | 174 | 80 |

PACKAGE INFORMATION

| Device | Package | Shipping |
|----------|---------|---------------|
| ESD5V0D5 | SOD-523 | 000/Tape&Reel |

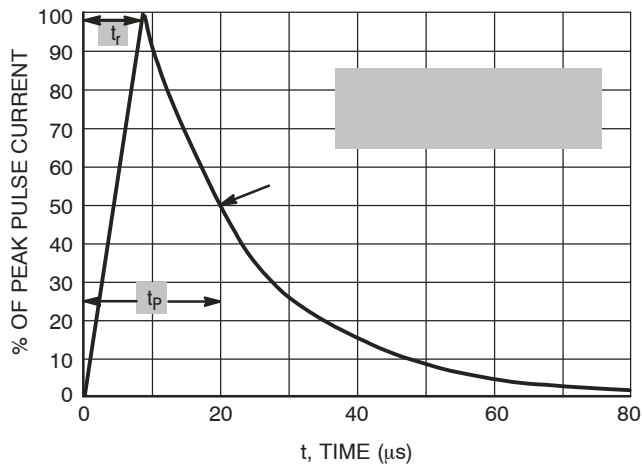


Figure 1. 8 x 20 µs Pulse Waveform