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**: 95H I F9G''**

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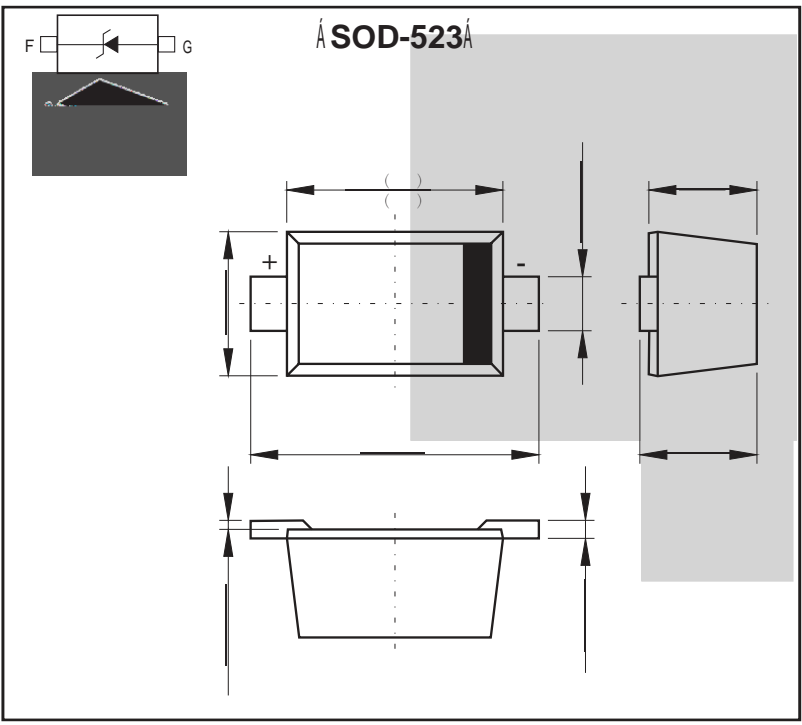
· ÁÖÖÖÍF€€€ÍÉGS^ç^!Á | ÁÖÜÖÁÜ! [ c^&cä [ ] ÉÁ

**5DD@=75H-CBG**

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**A5L-A I A'F5H-B ; G'5B8'7 < 5F57H9F-GH-7G**

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| Parameter  | Symbol                            | Limits      | Unit    |
|--|-----------------------------------|-------------|---------|
| IEC 61000-4-2 (ESD) Air Contact                    |                                   | 30          | kV      |
| ESD voltage per human body model per machine model |                                   | 16<br>400   | kV<br>V |
| Total power dissipation on FR-5 board(Note 1)      | P <sub>D</sub>                    | 150         | mW      |
| Junction and Storage temperature range             | T <sub>j</sub> , T <sub>stg</sub> | -55 to +150 |         |
| Thermal Resistance Junction-to Ambient             | R <sub>JA</sub>                   | 833         | /W      |
| Lead solder temperature range (10 Second Duration) | T <sub>L</sub>                    | 260         |         |

Note 1.FR-5=1.0\*0.75\*0.62in

# F5H=B ; G 5B8 7 < 5F57H9F=GH=7 7 I FJ9G

9 YWnf] WU ' GdYVYZ] WWh] cb' çVcEMG í »ÔÁ~ }| ^••Á [c@^! , î•^Á•] ^&î-î^âD

| Device   | Device Marking | $V_{RWM}$ | $I_R$ (A)   | $V_{BR}$ (V) |      | $I_T$ | $V_C@$<br>$I_{PP}=5A$ | $I_{PP}$ | $V_C@$<br>Max $I_{PP}$ | $P_{PK}$ | C(pF) |
|----------|----------------|-----------|-------------|--------------|------|-------|-----------------------|----------|------------------------|----------|-------|
|          |                | (V)       | @ $V_{RWM}$ | Min.         | Max. |       |                       |          |                        |          |       |
| 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 |

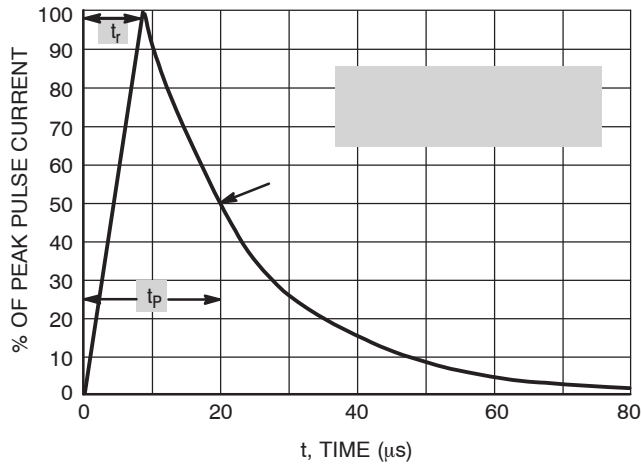


Figure 1. 8 x 20 µs Pulse Waveform