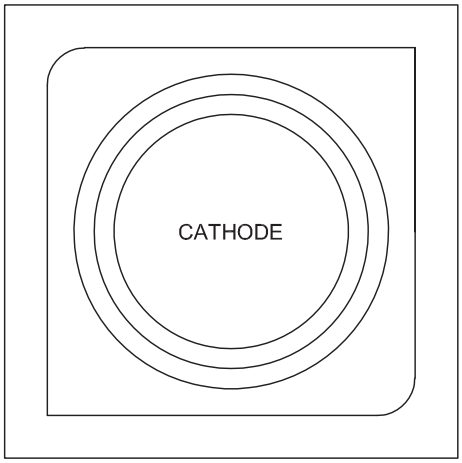
# PROCESS CPZ36R
## Transient Voltage Suppressor
### 5.0 Volt TVS Chip

**PROCESS DETAILS**

| | |
|---|---|
| Die Size | 10.2 x 10.2 MILS |
| Die Thickness | 3.9 MILS |
| Cathode Bonding Pad Area | 7.1 MILS DIAMETER |
| Top Side Metalization | Al - 30,000Å |
| Back Side Metalization | Au - 12,000Å |

**GEOMETRY**




BACKSIDE ANODE R0

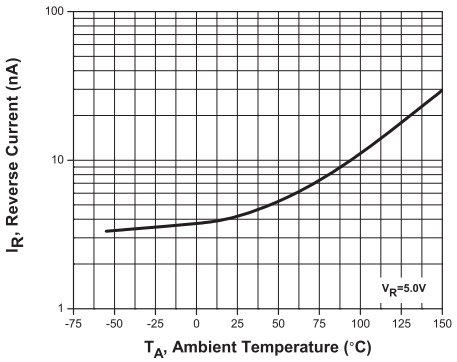
**GROSS DIE PER 5 INCH WAFER**
163,034

**PRINCIPAL DEVICE TYPE**
CMATVS5V0

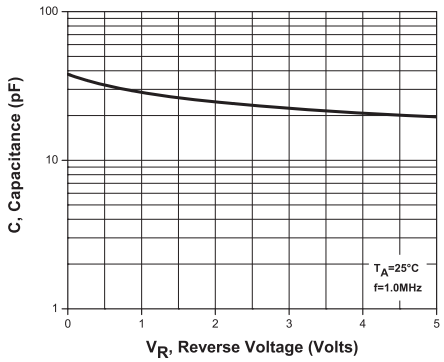
# PROCESS CPZ36R

## Typical Electrical Characteristics

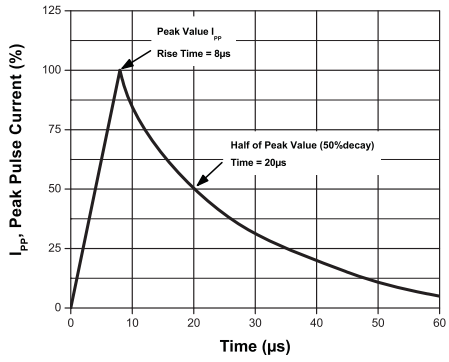
Leakage Current



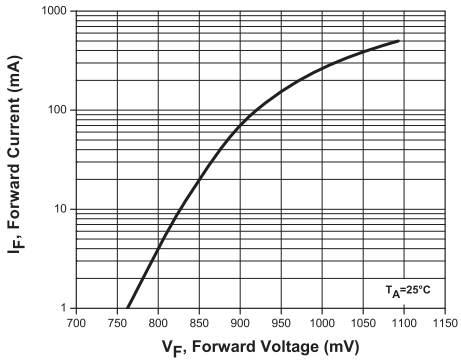

Capacitance



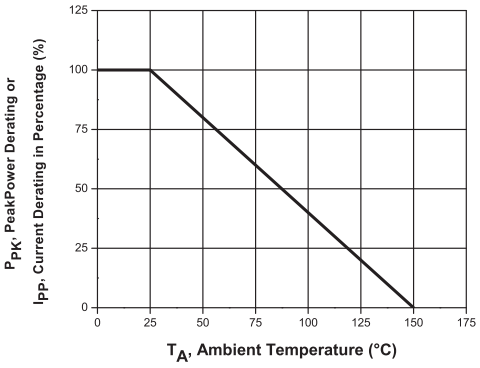

Non-Repetitive Pulse Waveform




Forward Voltage




Normalized Power & Current Derating




R0 (5-January 2012)