

GOLD BONDED DIODES

TYPE 1N270

- FEATURES**
- Low forward voltage drop
 - low power consumption
 - Thirty years of proven reliability
 - one million hours mean time between failures (MTBF)
 - Very low noise level
 - Metallurgically bonded

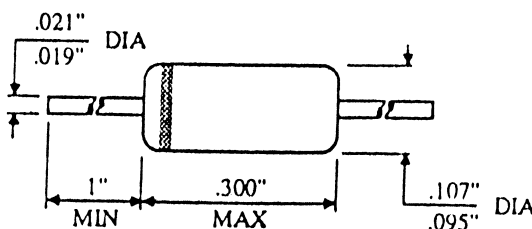
ABSOLUTE MAXIMUM RATINGS

| | | |
|-----------------------------|---------------|-----------|
| Peak Inverse Voltage | 100V | @ 25°C |
| Peak Forward Current | 500ma | unless |
| Operating Temperature Range | -65°C to 85°C | otherwise |
| Average Power Dissipation | 80mw | specified |

ELECTRICAL CHARACTERISTICS

| | Symbol | Conditions | Min. | Max. | Unit | T °C |
|----------------------|----------------|------------|------|------|------|------|
| Peak Inverse Voltage | PIV | 1ma | 100 | | V | 25° |
| Reverse Current | I _r | 50V | | 100 | ua | 25° |
| Forward Voltage | V _f | 200ma | | 1.0 | V | 25° |

MECHANICAL



Passes all mechanical and environmental requirements of MIL-S-19500, including shock and vibration.

