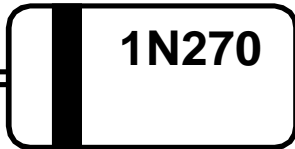


Gold Bonded



Germanium Diodes

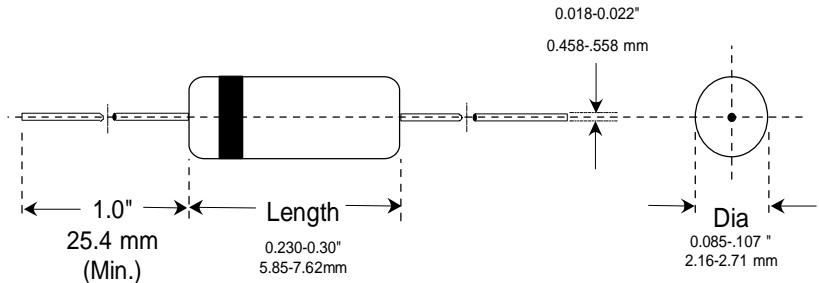
Optimized for Radio Frequency Response

Can be used in many AM, FM and TV-IF applications, replacing point contact devices.

Applications

- AM/FM detectors
• Ratio detectors
• FM discriminators
• TV audio detectors
• RF input probes
• TV video detectors

DO-7 Glass Package



Features

- Lower leakage current
• Flat junction capacitance
• High mechanical strength
• At least 1 million hours MTBF
• BKC's Sigma-Bond™ plating for problem free solderability

Absolute Maximum Ratings at T\_amb = 25 °C

Table with 5 columns: Parameter, Symbols, Min., Max., Units. Rows include Peak Inverse Voltage (PIV), Surge Current (I\_FSM), Average Rectified Forward Current (I\_O), Peak Operating Current (I\_OS), and Operating and Storage Temperatures (T\_J & STG).

Electrical Characteristics at T\_amb = 25 °C

Table with 6 columns: Parameter, Test Conditions, Symbols, Min., Typ., Max., Units. Rows include Forward Voltage Drop (V\_F), Breakdown Voltage (PIV), Reverse Leakage (I\_R), and Junction Capacitance (C\_J).



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