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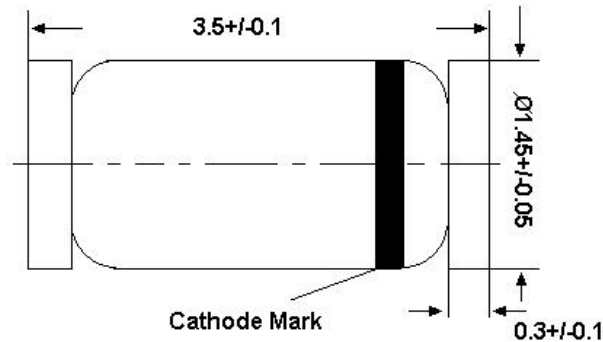


PLED

LL60P

Product specification

Characteristics equivalent to or better than 1N60P ideal for used in detection or for switching on the radio, TV, etc.



Glass case MiniMELF
Dimensions in mm
LL-34

REEL SPECIFICATION

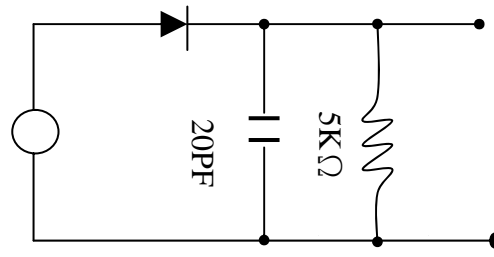
| P/N | PKG | QTY |
|-------|-------|------|
| LL60P | LL-34 | 2500 |

Absolute Maximum Ratings (Ta = 25°C)

| Parameter | Symbol | Value | Unit |
|----------------------------------|-------------|---------------|------|
| Peak Reverse Voltage | V_{RM} | 45 | V |
| Reverse Voltage | V_R | 20 | V |
| Average Rectified Output Current | I_o | 50 | mA |
| Peak Forward Current | I_{FM} | 150 | mA |
| Surge Forward Current | I_{surge} | 500 | mA |
| Junction Temperature | T_j | 125 | °C |
| Storage Temperature Range | T_{stg} | - 55 to + 150 | °C |

Characteristics at Ta = 25°C

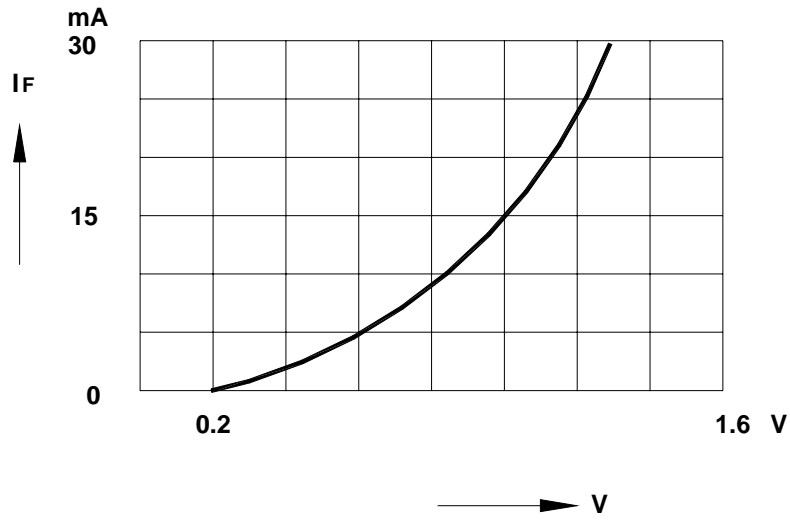
| Parameter | Symbol | Min. | Max. | Unit |
|---|-----------|------|------|------|
| Forward Current at $V_F = 1$ V | I_F | 4 | - | mA |
| Reverse Current at $V_R = 10$ V | I_R | - | 50 | μA |
| Total Capacitance At $V = -1$ V, $f = 1$ MHz | C_{tot} | - | 1 | pF |
| Rectification efficiency at $V_i = 2$ Vrms, $R = 5$ KΩ | " | 55 | - | % |



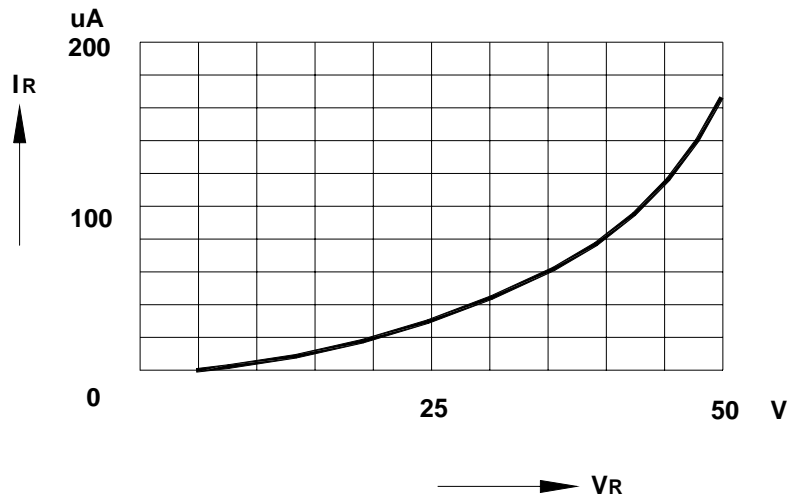
Input 2Vrms

Rectification Efficiency Measurement Circuit

Forward Characteristics



Reverse Characteristics



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