

LL60PPF-F

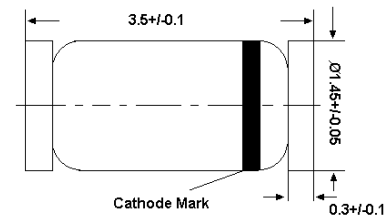
Silicon Schottky Barrier Diode

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

Features

- Lead Free

LL-34



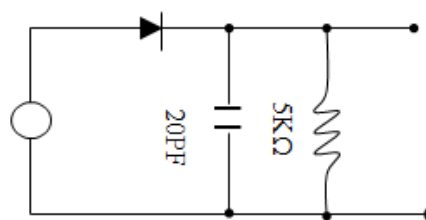
Glass case MiniMELF
Dimensions in mm

Absolute Maximum Ratings ($T_a = 25^\circ\text{C}$)

Parameter	Symbol	Value	Unit
Peak Reverse Voltage	V_{RM}	45	V
Reverse Voltage	V_R	20	V
Average Rectified Output Current	$I_{F(AV)}$	50	mA
Peak Forward Current	I_{FM}	150	mA
Surge Forward Current	I_{FSM}	500	mA
Junction Temperature	T_j	125	$^\circ\text{C}$
Storage Temperature Range	T_{stg}	- 55 to + 150	$^\circ\text{C}$

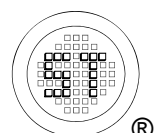
Characteristics at $T_a = 25^\circ\text{C}$

Parameter	Symbol	Min.	Max.	Unit
Forward Voltage at $I_F = 4 \text{ mA}$	V_F	0.3	1	V
Forward Current at $V_F = 1 \text{ V}$	I_F	4	-	mA
Reverse Current at $V_R = 10 \text{ V}$	I_R	-	50	μA
Rectification Efficiency at $V_i = 2 \text{ Vrms}$, $R = 5 \text{ K}\Omega$	η	55	-	%



Input 2Vrms

Rectification Efficiency Measurement Circuit



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Electrical Characteristics Curves

Fig 1. Reverse Characteristics Curve

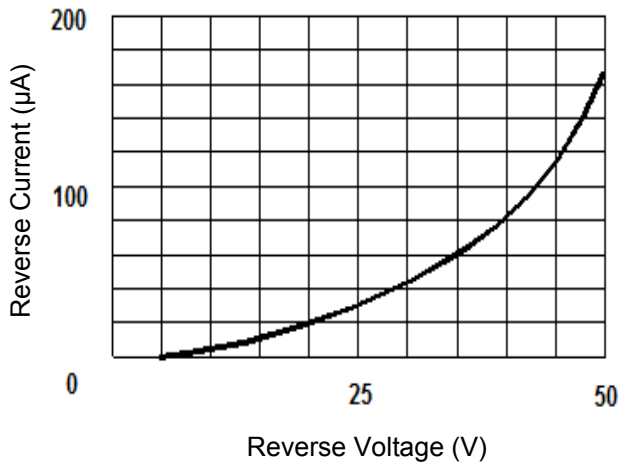
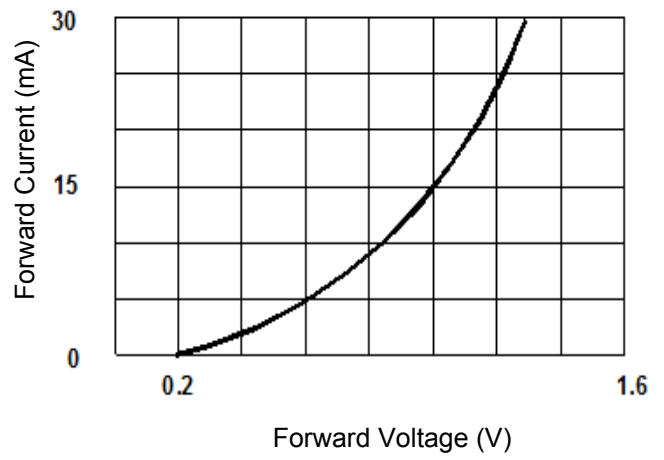
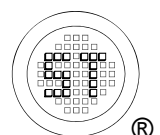


Fig 2. Forward Characteristics Curve



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