

MSKSEMI

SEMICONDUCTOR



ESD



TVS



TSS



MOV



GDT

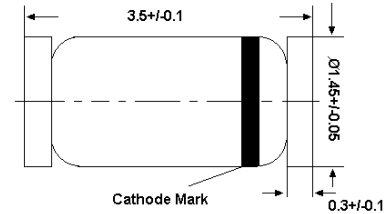


PLED

Product data sheet
Product data sheet

www.msksemi.com

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

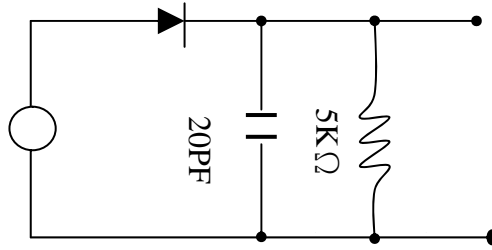
P/N	PKG	QTY
LL60P	LL34	2500

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

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

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

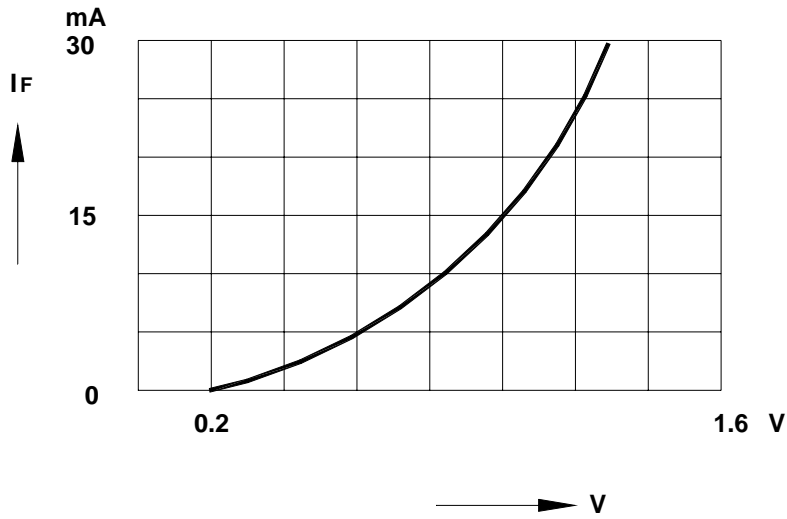
Parameter	Symbol	Min.	Max.	Unit
Forward Current at $V_F = 1\text{ V}$	I_F	4	-	mA
Reverse Current at $V_R = 10\text{ V}$	I_R	-	50	μA
Total Capacitance At $V = -1\text{ V}$, $f = 1\text{ MHz}$	C_{tot}	-	1	pF
Rectification efficiency at $V_i = 2\text{ Vrms}$, $R = 5\text{ K}\Omega$	η	55	-	%



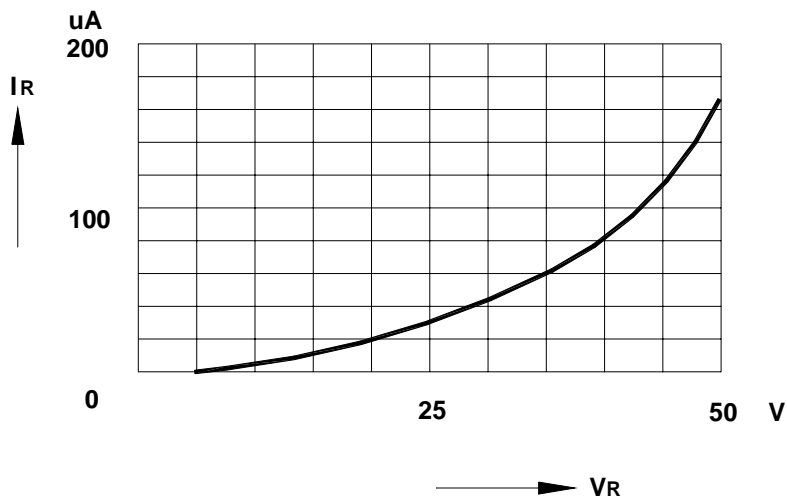
Input 2Vrms

Rectification Efficiency Measurement Circuit

Forward Characteristics



Reverse Characteristics



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