

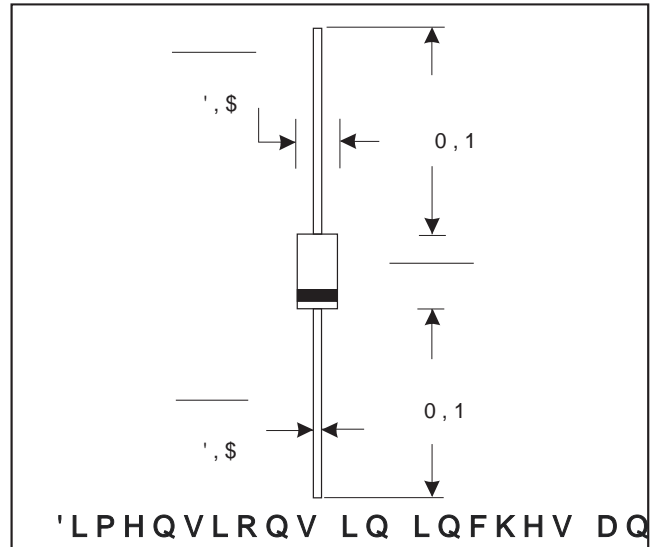
' 2 3 / \$ 6 7 , & , / , & 2 \$ (& 7 ,) , (5 6

FEATURES

- "High current capability
- "High reliability
- "High surge current capability
- "High speed switching

MECHANICAL DATA

- "Case: JEDEC DO--15, molded plastic
- "Terminals: Axial lead , solderable per
- "MIL- STD-202, Method 208
- "Polarity: Color band denotes cathode
- "Mounting position: Any



' L P H Q V L R Q V L Q L Q F K H V D Q G P L

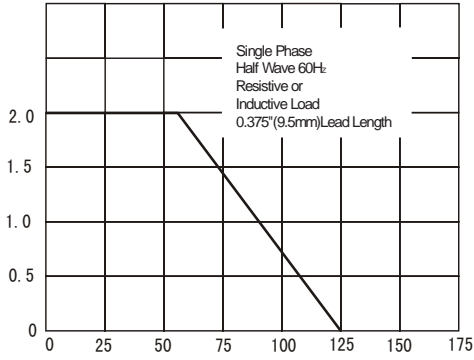
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f & \$ P E L H G W S H U D X X O R H W K H U Z L W H G

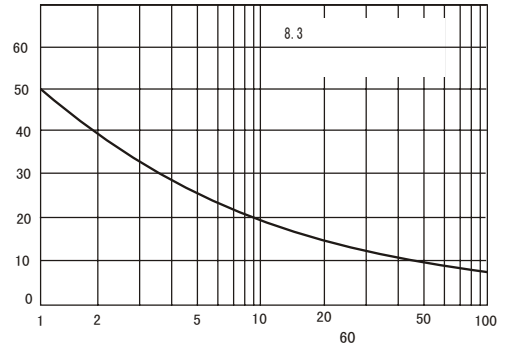
		SF21	SF22	SF23	SF24	SF25	SF26	SF27	SF28	UNITS
Maximum recurrent peak reverse voltage	V_{RRM}	50	100	150	200	300	400	500	600	V
Maximum RMS voltage	V_{RMS}	35	70	105	140	210	280	420	560	V
Maximum DC blocking voltage	V_{DC}	50	100	150	200	300	400	500	600	V
Maximum Average Forward Rectified Current.375"(9.5mm) Lead Length at $T_A=75$	$I_{F(AV)}$					2.0				A
Peak Forward Surge Current, 8.3 ms single half sine-wave superimposed on rated load (JEDEC Method)	I_{FSM}					30.0				A
Maximum Instantaneous Forward Voltage at 2.0A	V_F			1.0			1.3		1.7	V
Maximum reverse current at rated DC blocking voltage	I_R					5.0				—A
						100.0				
Maximum reverse recovery time (Note1)	t_{rr}					35				ns
Typical junction capacitance (Note2)	C_J			40				30		pF
Typical thermal resistance(Note3)	R_{JA}					65				/W
Operating junction temperature range	T_j					-65				----+ 125
Storage temperature										

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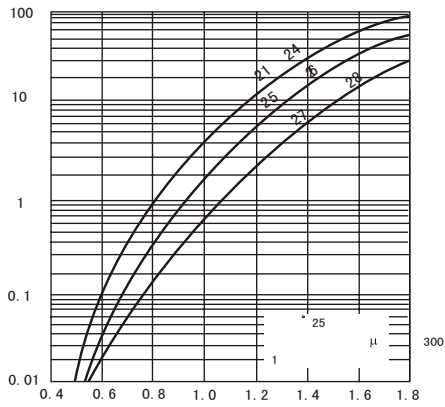
FORWARD BIAS



.2



.3



.4

